

1980
715
1952
1924
1987b
pt. 2

REFERENCE COPY

1987

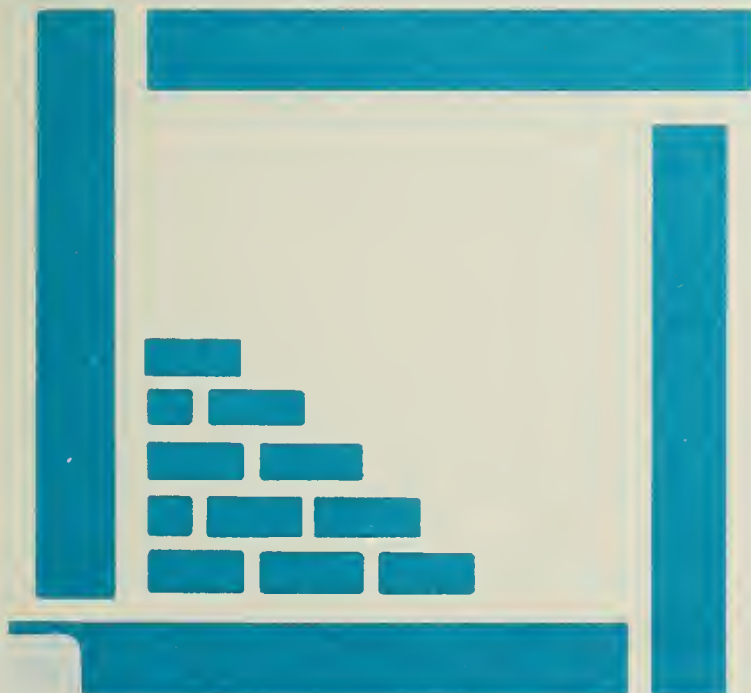
Census of Construction Industries

CC87-A-2

GEOGRAPHIC AREA SERIES

Middle Atlantic States

New Jersey, New York, Pennsylvania



ence

this room

U.S. Department of Commerce
BUREAU OF THE CENSUS

Bureau of the Census
Library

ACKNOWLEDGMENTS

Many persons participated in the various activities of the 1987 Census of Construction Industries.

The overall planning and review of the census operations were performed by the staff of the Office of the Assistant Director for Economic and Agriculture Censuses.

This report was prepared in the Construction Statistics Division. **Barry A. Rappaport**, Assistant Division Chief for Industry Surveys, was responsible for the overall planning, management, and coordination of the census of construction industries. Planning and implementation were under the direction of **A. William Visnansky**, Chief, Census Operations Branch, with primary staff assistance by **Juliana Van Berkum**, **Barbara J. Hadden**, **Edward R. Glover**, **Susan L. Hostetter**, **Shirley M. Baker**, and **Carolyn J. Stone**. Under the direction of **Jesse Pollock**, **Edward K. Ricketts** and **Dennis K. Duke** developed the sampling plans and variance and estimation specifications.

Systems and procedures for mailout, receipt, correspondence, data input, industry classification, other clerical processing, administrative record processing, and quality control, along with the associated electronic computer programs, were developed in the Economic Surveys Division, **W. Joel Richardson**, Chief.

Mailout preparation and receipt operations, clerical and analytical review activities, data keying, and geocoding review

were performed by the staff of the Data Preparation Division, **Joseph S. Harris**, Chief.

Geographic coding procedures and associated computer programs were developed by the staff of the Geography Division, **Robert W. Marx**, Chief.

The computer processing systems were developed and coordinated in the Economic Programming Division, **Barry M. Cohen**, Chief, and **H. Ray Dennis**, Assistant Chief. **Sarah W. Baumgardner**, Chief, Construction Census Branch, was responsible for the design and implementation of the computer systems. The computer programs were prepared under the supervision of **Barbara L. Lambert**, assisted by **Herbert Isham** of the Construction Statistics Division. **Linda M. Mersh** and **James Dallmann** assisted in establishing and maintaining the production control system.

Computer processing was performed in the Computer Services Division, **Marvin D. Raines**, Chief.

The staff of the Administrative and Publications Services Division, **Walter C. Odom**, Chief, performed planning, design, composition, editorial review, and printing planning and procurement for publications and report forms. **Bernadette J. Beasley** provided publication coordination and editing.

Special acknowledgment is also due the many businesses whose cooperation has contributed to the publication of these data.

If you have any questions concerning the statistics in this report, call (301) 763-7546.

1987

Census of Construction Industries

CC87-A-2

GEOGRAPHIC AREA SERIES

Middle Atlantic States

New Jersey, New York, Pennsylvania

Issued July 1990



U.S. Department of Commerce
Robert A. Mosbacher, Secretary
Thomas J. Murrin, Deputy Secretary
Michael R. Darby, Under Secretary
for Economic Affairs

BUREAU OF THE CENSUS
Barbara Everitt Bryant, Director



BUREAU OF THE CENSUS
Barbara Everitt Bryant, Director
C. L. Kincannon, Deputy Director

Charles A. Waite, Associate Director for
Economic Programs
Roger H. Bugenhagen, Assistant Director for
Economic and Agriculture Censuses

Thomas L. Mesenbourg, Chief,
Economic Census Staff

CONSTRUCTION STATISTICS DIVISION
Leonora M. Gross, Chief

Library of Congress Cataloging-in-Publication Data

Census of construction industries (1987). Geographic
area series.

1987 census of construction industries. Geographic
area series.

"CC87-A-1—CC87-A-10."

"Issued April—June 1990."

Contents: [1] New England states — [2] Middle atlantic
states — [3] East north central states — [etc.]

1. Construction industry—United States—Statistics.

I. United States. Bureau of the Census.

HD9715.U52C46 1990 338.4'7624'093021 88-22146

For sale by Superintendent of Documents, U.S. Government
Printing Office, Washington, DC 20402.

CONTENTS

Middle Atlantic States

	Page
Introduction	V
Users' Guide for Locating Statistics in This Report by Table Number	XII
Map—Regions and Census Divisions of the United States.....	XIII

STATES

New Jersey	NJ-1
New York	NY-1
Pennsylvania	PA-1

APPENDIXES

A. Explanation of Terms.....	A-1
B. Standard Industrial Classification Titles for Industry Groups and Industries	B-1
C. Regions, Census Divisions, and States	C-1
D. Metropolitan Statistical Areas	D-1

Publication Program	Inside back cover
---------------------------	-------------------

INTRODUCTION

	Page
PURPOSE AND USES OF THE ECONOMIC CENSUSES.....	V
AUTHORITY AND SCOPE	V
AVAILABILITY OF THE DATA	V
WHAT'S NEW IN 1987	V
HISTORICAL INFORMATION	VI
AVAILABILITY OF MORE FREQUENT ECONOMIC DATA	VI
SOURCES FOR MORE INFORMATION	VI
CENSUS OF CONSTRUCTION INDUSTRIES—SCOPE AND CLASSIFICATION.....	VI
ESTABLISHMENT BASIS OF REPORTING.....	VII
SAMPLE DESIGN, ESTIMATION PROCEDURES, AND RELIABILITY OF ESTIMATES	VIII
CENSUS REPORT FORMS	X
DATA PROCESSING	X
GEOGRAPHIC CLASSIFICATION	X
DUPLICATION IN VALUE OF CONSTRUCTION WORK	X
SPECIAL TABULATIONS.....	X
COMPARABILITY OF CENSUS OF CONSTRUCTION INDUSTRIES DATA WITH OTHER DATA	XI
ABBREVIATIONS AND SYMBOLS	XI

PURPOSE AND USES OF THE ECONOMIC CENSUSES

The economic censuses are the major source of facts about the structure and functioning of the Nation's economy. They provide essential information for government, business, industry, and the general public.

Economic censuses furnish an important part of the framework for such composite measures as the gross national product, input-output measures, production and price indexes, and other statistical series that measure short-term changes in economic conditions.

Policy-making agencies of the Federal Government use the data, especially in monitoring economic activity and providing assistance to business.

State and local governments use the data to assess business activities and tax bases within their jurisdictions and to develop programs to attract business.

Trade associations study trends in their own and competing industries, and keep their members informed of market changes.

Individual businesses use the data to locate potential markets and to analyze their own production and sales performance relative to industry or area averages.

AUTHORITY AND SCOPE

Title 13 of the United States Code (sections 131, 191, and 224) directs the Census Bureau to take the economic censuses every 5 years, covering years ending in 2 and 7. The 1987 Economic Censuses consist of the—

- Census of Retail Trade
- Census of Wholesale Trade
- Census of Service Industries
- Census of Transportation
- Census of Manufactures
- Census of Mineral Industries
- Census of Construction Industries

Special programs also cover enterprise statistics and minority-owned and women-owned businesses. (The 1987 Census of Agriculture and 1987 Census of Governments are conducted separately.) The next economic censuses are scheduled to be taken in 1993 covering the year 1992.

AVAILABILITY OF THE DATA

The results of each of the economic censuses are available in printed reports, for sale by the U.S. Government Printing Office, and on microfiche, computer tape, compact discs with read-only memory, and flexible diskettes, for sale by the Census Bureau. Order forms for all types of products are available on request from Customer Services, Census Bureau, Washington, DC 20233. A more complete description of publications being issued from this census is on the inside back cover of this document.

Census facts are also widely disseminated by trade associations, business journals, and newspapers. Volumes containing census statistics are available in most major public and college libraries. Finally, State Data Centers in every State and Business and Industry Data Centers in many States also supply economic census statistics.

WHAT'S NEW IN 1987

Several changes have taken place for the 1987 censuses. Data will be reported on the basis of the newly revised Standard Industrial Classification (SIC) system with selected reports including "bridge tables," linking the old and new classification systems. A new set of metropolitan

areas has been adopted, and more detailed information will be available for businesses with no paid employees. For additional information on these changes, review the subsequent text.

One important change involves receipts of contractors and builders. Prior to 1987, the Census of Construction Industries collected receipts as the primary measure of construction activity. For 1987, the census collected the "value of construction work done" to better measure actual construction activity done during the year. Differences between the two concepts occur when work is done in one year and payment received either from the prior or in the succeeding year. In addition, receipts do not include work a contractor performs for its own account and use.

HISTORICAL INFORMATION

The economic censuses have been taken together as an integrated program at 5-year intervals since 1967, and before that for 1963, 1958, and 1954. Prior to that time, the individual censuses were taken separately at varying intervals.

The economic censuses trace their beginnings to the 1810 Decennial Census, when questions on manufacturing were included with those for population. Coverage of economic activities was expanded for 1840 and subsequent censuses to include mining and some commercial activities. In 1902, Congress established a permanent Census Bureau and directed that a census of manufactures be taken every 5 years. The 1905 manufactures census was the first time a census was taken apart from the regular every-10-year population census.

The first census of business was taken in 1930, covering 1929. Initially it covered retail and wholesale trade, and construction industries, but it was broadened in 1933 to include some of the service trades.

The 1954 economic censuses were the first to be fully integrated—providing comparable census data across economic sectors, using consistent time periods, concepts, definitions, classifications, and reporting units. These were the first censuses to be taken by mail, using lists of firms provided by the administrative records of other federal agencies. Since 1963, administrative records have also been used to provide basic statistics as well for very small firms, reducing or eliminating the need to send them census questionnaires. The Enterprise Statistics Program, which publishes combined data from the economic censuses, was made possible with the implementation of the integrated census program in 1954.

The range of industries covered in the economic censuses has continued to expand. The Census of Construction Industries began on a regular basis in 1967, and the scope of service industries was broadened in 1967, 1977, and 1987. The Census of Transportation began in 1963 as a set of surveys covering travel, transportation of commodities, and trucks. New for 1987 are publications reporting on business establishments engaged in several transportation industries, paralleling the data on establishments in

other sectors. This is part of a gradual expansion in coverage of industries previously subjected to government regulation. The Survey of Minority-Owned Business Enterprises was first conducted as a special project in 1969 and was incorporated into the economic censuses in 1972 along with the Survey of Women-Owned Businesses.

Economic censuses have also been taken in Puerto Rico since 1909, in the Virgin Islands and Guam since 1958, and in the Northern Mariana Islands since 1982.

Statistical reports from the 1982 and earlier censuses provide historical figures for the study of long-term time series, and are available in some large libraries. All of the census data published since 1967 are still available for sale on microfiche from the Census Bureau.

AVAILABILITY OF MORE FREQUENT ECONOMIC DATA

While the censuses provide complete enumerations every 5 years, there are many needs for more frequent data as well. The Census Bureau conducts a number of monthly, quarterly, and annual surveys, the results of which appear in publication series such as *Current Construction Reports* (building permits, housing starts, and value of new construction put in place), *Current Business Reports* (retail and wholesale trade and service industries), the *Annual Survey of Manufactures*, *Current Industrial Reports*, and the *Quarterly Financial Report*. Most of these surveys, while providing more frequent observations, yield less kind-of-business and geographic detail than the censuses. The *County Business Patterns* program offers annual statistics on the number of establishments, employment, and payroll classified by industry within each county.

SOURCES FOR MORE INFORMATION

More information about the scope, coverage, classification system, data items, and publications for each of the economic censuses and related surveys is published in the *Guide to the 1987 Economic Censuses and Related Statistics*. More information on the methodology, procedures, and history of the censuses will be published in the *History of the 1987 Economic Censuses*. Contact Customer Services for information on availability.

CENSUS OF CONSTRUCTION INDUSTRIES—SCOPE AND CLASSIFICATION

The 1987 Census of Construction Industries covers all employer establishments (establishments with payroll) primarily engaged in contract construction, construction on their own account for sale, or in subdividing real property

into lots as defined in the 1987 Standard Industrial Classification (SIC) Manual.¹ This industrial classification system has been developed by experts on classification in government and private industry under the guidance of the Office of Management and Budget and is in general use among government agencies and among organizations outside the government.

Contract construction—The SIC manual defines construction in three broad types of activity that follow:

1. **Building construction by general contractors or by operative builders**—General building contractors are primarily engaged in the construction of dwellings, office buildings, stores, farm buildings, and other building projects. Operative builders who build on their own account for sale are also included here. However, investment builders who build structures on their own account for rent are classified in Real Estate.
2. **Heavy construction general contractors**—Heavy construction general contractors are primarily engaged in the construction of highways, bridges, pipelines, sewers and water lines, marine construction, power, and petro-chemical plants and other nonbuilding construction projects. Special trade contractors are classified in heavy construction if they are specifically engaged in the following activities: grading for highway and airport runways; guardrail construction; installation of highway signs; asphalt and concrete construction of roads, highways, streets and public sidewalks; trenching, cable laying; conduit construction; underwater rock removal; pipeline wrapping; or land clearing and leveling.
3. **Construction by other special trade contractors**—These contractors include plumbers, painters, carpenters, electricians, brick layers, roofers, etc. For the most part, they perform their work at the site of construction, although they may also have shops where they perform work incidental to the job site.

General contractors in both the building and the heavy construction field usually assume responsibility for an entire construction project, but may subcontract to others all of the actual construction work or those portions of the project requiring special skills or equipment. Special trade contractors may work for general contractors, for other subcontractors, or may work directly for the owner of the property.

In addition to the industries classified in the SIC manual as Construction, this census also includes one industry

classified in the Real Estate area, SIC 6552, Land Subdividers and Developers, Except Cemeteries. These establishments are engaged in subdividing real property into lots and in developing it for sale on their own account.

Each establishment receiving a questionnaire was requested to report the percent of total dollar value of business done for each kind-of-business activity engaged in during 1987. This information was used for the computer assignment of appropriate industry classifications. During this work, various tests were also made using other data reported on the questionnaire. The proportion of construction work to total business was checked to verify that the establishment was primarily in construction. Also taken into consideration were the types of structures worked on during the year and the extent of work undertaken for other contractors.

Construction establishments often engage in various construction activities. It is necessary, however, to assign a single industry code to the establishment based on its major activity. Therefore, the statistics shown for an industry reflect not only the primary activity of the establishments in the industry, but also their secondary activities. The industry reports, however, do present data on the extent of secondary activities.

A revised edition of the SIC Manual was issued in 1987. Minor modifications were made to three industries in the construction sector: SIC 1611, Highway and Street Construction Contractors, Except Elevated Highways; SIC 1629, Heavy Construction Contractors, N.E.C.; and SIC 1771, Concrete Work Special Trade Contractors. The extent of these modifications are explained in the specific texts for those industries. "Bridge tables" are also included showing selected data tabulated using both the previous classification system and the 1987 revision.

ESTABLISHMENT BASIS OF REPORTING

The census of construction industries is conducted on an establishment basis. A "construction establishment" is defined as a relatively permanent office or other place of business where the usual business activities related to construction are conducted. With some exceptions, a relatively permanent office is one which has been established for the management of more than one project or job and which is expected to be maintained on a continuing basis. Such "establishment" activities include, but are not limited to estimating, bidding, purchasing, supervising, and operation of the actual construction work being conducted at one or more construction sites. Separate construction reports were not required for each project or construction site.

Companies with more than one construction establishment were required to submit a separate report for each such establishment operated during all or any part of 1987. The census of construction industries figures represent a summary of records for individual establishments rather than for companies. The census tabulations, therefore, differ from those prepared on a company basis.

¹Standard Industrial Classification Manual: 1987. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-00314-2.

If an establishment engaged in construction and one or more distinctly different lines of economic activity (wholesale or retail trade, service, manufacturing, mining, etc.) at the same place of business, it was requested to file a separate report appropriate to each activity, provided that the activity was of substantial size and separate records were maintained or substantially accurate estimates could be prepared.

If a separate establishment report could not be prepared for each activity, then a construction report was requested covering all activities of that establishment providing that the 1987 value of construction work exceeded the gross receipts from each of its other activities.

Construction businesses with no payroll during 1987 (nonemployers) were not required to file census reports. Tabulation of data for these businesses are based on administrative records and are shown only in U.S. summary publications and the geographic area reports series. Refer to the section on "Sample Design" for details. Foreign construction activities were not included in this census.

SAMPLE DESIGN, ESTIMATION PROCEDURES, AND RELIABILITY OF ESTIMATES

The companies included in the 1987 Census of Construction Industries were identified as part of an operation common to all 1987 Economic Censuses. Construction companies were divided into employers (companies with payroll) and nonemployers (companies without payroll). Statistical information for the employers was obtained in the census by a survey which included all medium size and large employers and a sample of the smaller ones. Census reports were not required from the nonemployers. Statistics on them were obtained from administrative records of other agencies of the Federal Government.

Employer Companies

Developing the sampling frame for employer companies—This operation started with obtaining a list of all construction companies in the active records of the Internal Revenue Service (IRS) which were subject to payment of Federal Insurance Contributions Act taxes. The basic source for this list has been the Internal Revenue Service Business Master File, a comprehensive list of companies engaged in business activities in the United States. The file contains the name, address, and form of ownership of each company and also indicates whether or not the company is subject to the FICA. Each company in this file is assigned a unique employer identification (EI) number which it uses in filing its various reports with the IRS. The Social Security Administration (SSA) maintains a similar list using the same identification numbers, which also contains information on the industrial classification of each company. The Bureau of the Census obtained both of these lists and combined them.

Under special arrangements which safeguarded the confidentiality of the information, the Bureau also obtained administrative records data on payrolls and receipts and added these data to the combined list. The list, thus created from the IRS-SSA information, was a list of employer companies. However, for the 1987 Economic Censuses the basic reporting unit is the "establishment." Therefore, steps were taken to identify the individual establishments of those companies which operate more than one place of business. The information for making this determination was obtained by means of the Company Organization Survey (COS), an annual canvass of all known multiestablishment companies and large single-establishment companies. Thus, the 1987 Economic Census list for single-establishment employer companies was obtained from the IRS-SSA, but the list of establishments of multiestablishment employer companies was obtained directly from those companies in the COS. Refer to the section on "Establishment Basis for Reporting" for details.

In general, the IRS-SSA list provided sufficient industrial classification data to assign a company to the proper economic census, but there were a number of companies for which this information was inadequate or unavailable. A special form, NC-9923, General Schedule, was mailed to all such companies, requesting information on the nature of the company's activities. From the information reported, the company was given an industrial classification code and assigned to the appropriate economic census. Since construction companies found in this way were identified only after the regular census mailing had taken place, they were treated as a supplement to the basic list.

Selecting the employer sample—The sample was designed to provide reliable State and metropolitan area estimates for each construction industry. It consisted of all construction establishments in multiestablishment companies, all single-establishment companies with estimated total employment of 20 employees or more, and a probability sample of single-establishment companies with estimated employment of fewer than 20 employees.

Supplementing the sample were construction companies identified from the NC-9923, General Schedule. Also affecting the sample were the misclassified companies; i.e., companies included in the samples of other trade areas which reported they were construction companies and companies originally classified in construction which reported they were not construction companies.

Of the 533,000 single-establishment employer companies initially classified as construction companies, 147,000 were included in the sample. All of the 13,000 establishments of multiestablishment companies were included in the sample. There was a net increase in the sample of 60,000 establishments resulting from establishments originally unclassified (receiving the NC-9923) or misclassified.

The probability sample of the smaller single-establishment companies was a stratified random sample. Strata were formed from all establishments with the same initial four-digit SIC code, in the same State, in the same metropolitan

area or in the balance of the State, and in the same size class based on estimated total employment. If the four-digit SIC code for an establishment was incomplete, the establishment was placed in a stratum for miscellaneous companies. Because they were small, all companies were included in the sample for the following three industries: SIC 1622, Bridge, Tunnel, and Elevated Highway Construction Contractors; SIC 1795, Wrecking and Demolition Work Special Trade Contractors; and SIC 1796, Installation or Erection of Building Equipment Special Trade Contractors.

Estimation procedures for 1987 and 1982 data—

Since all larger employer companies and some smaller ones were included in the census, sample estimation was required only for the universe of companies not selected with certainty. The published statistics are the totals of the estimates for the sampled companies and the aggregates for the certainty companies. All estimates for 1987 and 1982 published here are simple unbiased estimates of the form:

$$x'_c = \sum_{i=1}^{n_c} x_i / p_i$$

where: x'_c is the simple unbiased estimate of a characteristic for a publication cell.

x_i is the reported value of a characteristic for an individual establishment in the publication cell.

p_i is the selection probability of that firm.

n_c is the number of firms in the sample for the cell.

Data for certain characteristics were reported as a percentage of the dollar value of business done. Before this formula was applied to those characteristics, it was necessary to convert the reported percentages into dollars.

Reliability of employer statistics—Since the estimates for employer establishments in these reports are based on the samples, they are subject to sampling variability and may be expected to differ from results which would have been obtained if a complete census had been taken using the same forms and procedures. The sampling errors shown in the tables were estimated directly from the sample reports, using methods appropriate for the sample design and form of estimation used.

The relative standard error is a measure of sampling variability, i.e., the variation that might occur by chance because only a sample of the population is surveyed. As calculated for this report, the relative standard error also partially reflects the effect of random errors of response and processing, but it does not take into account the effect of any consistent biases due to those types of errors. The chances are about 68 out of 100 that an estimate from the

sample would differ from a complete census by less than the relative standard error. The chances are about 95 out of 100 that the difference is less than twice the relative standard error and about 99 out of 100 that it is less than 2-1/2 times the relative standard error. Individual estimates with large relative standard errors have been shown in the published tables. Any such estimates should be used with caution. The very large relative standard errors generally occur for the smaller estimates.

Relative standard errors have been calculated for all of the published statistics, although they are shown for each statistic only in the tables presenting detailed statistics. Other tables show relative standard errors only for certain characteristics because of lack of space.

As calculated for this report, the relative standard error measures certain nonsampling errors, but does not measure any systematic biases in the data. Bias is the difference, averaged over all possible samples with the same size and design, between the estimates and the true value being estimated. Nonsampling errors can be attributed to many sources: inability to obtain information about all cases in the sample; definitional difficulties; differences in interpretation of questions; inability or unwillingness of respondents to provide correct information; and errors made in processing the data. Although no direct measurements of the biases have been obtained, it is believed that most of the important response and operational errors were detected in the course of reviewing the data for reasonableness and consistency.

A potential source of bias is in the imputation for those establishments that have not responded by the time of final publication. Data were estimated for establishments that did not report by that date, although selected establishments were contacted again to obtain as much information on the telephone as possible. Some publication cells in which more than 40 percent of the data were not reported have been suppressed.

Nonemployer Companies

As described earlier, the information derived from the business income tax returns of all companies was matched to the census employer file on the basis of common identification numbers. Those business income tax returns which could not be matched, were further classified on the basis of several characteristics. Returns with characteristics consistent with companies without payroll were treated as nonemployers. The nonemployer construction companies were not required to file census reports.

For "number of establishments," each separate income tax return was assumed to be an establishment. "All business receipts", referred to in the tables as "dollar value of business done", was based on receipts information reported on the tax return.

Since no sampling was involved in the nonemployer establishments, the statistics for nonemployers are not subject to sampling variability. However, these data are subject to an unknown amount of reporting and processing errors which could not be detected by the Census Bureau.

CENSUS REPORT FORMS

Information for the 1987 Census of Construction Industries was obtained from employer establishments primarily through the use of twenty-four questionnaires, determined by industry classification and size. Standard forms and short forms were developed for each of the following SIC groups: 15, 16, 171, 172, 173, 174, 175, 176, 177, 178, and 179 and for the establishments classified in SIC 6552. Establishments with 50 or more employees all received the standard form. A sub-sample of establishments with fewer than 50 employees received short forms instead of the standard forms. The short forms covered only major items and omitted some of the detail found in the longer forms.

In reviewing and developing the questionnaires, comments and recommendations were elicited from construction trade associations and appropriate advisory groups. The Bureau surveyed several thousand firms representing all economic activities to gain insight into the way companies maintain records and to see whether new information could be collected.

DATA PROCESSING

The 1987 census report forms were mailed out in December 1987. They were mailed from and returned to the Census Bureau's Data Preparation Division in Jeffersonville, Ind., where routine editing and coding of the report forms were also accomplished. Collection of these report forms was essentially completed in July 1988.

The returned reports underwent extensive processing. A preliminary edit done at the time of data entry identified obviously deficient reports and reports needing clarification. When necessary, these problems were resolved by further contact with the respondents. Next, the data were transmitted to Census Bureau headquarters near Washington, DC.

Data records, then, underwent a detailed computer review and analysis. The records containing significant problems were referred for further analytical review and, if necessary, contacts were made with the respondents. The computer performed most classification coding (such as industry coding, geographic coding, and size coding), and imputation for missing items or for reports not received in time for tabulation. The imputation was performed on an industry (or industry group)-State (or geographic group) basis using all available response and administrative data.

The data records were then tabulated on an industry basis. Industry totals were subjected to analytical review, and selected statistics were prepared for the preliminary reports. Corrections resulting from this review were made to the computer records and final tabulations were produced.

The review of a preliminary report for an industry often uncovered the need for corrections or revisions to the data for another industry for which a preliminary report had already been published. The final reports incorporate all

revisions and corrections made during the review of the preliminary reports and contain considerable more data than were published in those reports.

GEOGRAPHIC CLASSIFICATION

Information for the 1987 Census of Construction Industries' final industry report series is classified on the basis of two types of geographic distributions: (1) physical location of the establishment, and (2) location of construction work. A separate code was assigned on each basis allowing us to present data by both physical locations of the establishment and location of construction work.

The geographic area reports series presents similar data by industry for each State (physical location of the establishment) and for selected MSA's, CMSA's and PMSA's.

DUPLICATION IN VALUE OF CONSTRUCTION WORK

The aggregate of value of construction work reported by all construction establishments in each of the several industry, geographic area, or other groupings in this census, contains varying amounts of duplication, since the construction work of one firm may be subcontracted to other construction firms and also be included in the subcontractors' value of construction work. To avoid this duplication, a "net" value of construction work figure has been derived for each establishment by subtracting the costs for construction work subcontracted to others from the value of construction work.

Duplication in value of business between other construction and nonconstruction industries, results from the use of products of these other industries as input materials by construction establishments. "Value added," avoids this duplication and is, for most purposes, the best measure for comparing the relative economic importance of industries or areas. "Value added," is defined in the 1987 Census of Construction Industries as equal to dollar value of business done less costs for construction work subcontracted to others and payments for materials, components, supplies, and fuels. However, for SIC 6552 and SIC 1531 where land receipts are significant, land receipts are also subtracted from dollar value of business done.

SPECIAL TABULATIONS

Special tabulations of data collected in the 1987 Census of Construction Industries may be obtained on computer tape or in tabular form. The data will be in summary form and subject to the same rules prohibiting disclosure of confidential information (including name, address, kind of business, or other data for individual business establishments or companies) as are the regular publications.

Special tabulations are prepared on a cost basis. A request for a cost estimate, as well as exact and detailed specifications of the type and format of the data to be provided, should be directed to the Chief, Construction Statistics Division, Bureau of the Census, Washington, DC, 20233.

To discuss a special tabulation before submitting specifications, call 301-763-7546.

COMPARABILITY OF CENSUS OF CONSTRUCTION INDUSTRIES DATA WITH OTHER DATA

Data contained in the reports of the 1987 Census of Construction Industries are not the same as the data published in the Census Bureau's monthly Construction Reports, Series C30, Value of New Construction Put in Place. The main difference is that the C30 series covers all new construction put in place without regard to who is performing the construction activity, whereas the construction census figures cover both new construction and maintenance and repair work done by establishments classified in the construction industry. Significant amounts of construction are done by establishments classified outside of construction (in real estate, manufacturing, utilities and communications, for example), both as "force account" construction and construction done for others. In addition, the value in place series includes construction-related expenses such as architectural and engineering costs and the costs of materials supplied by owners which are normally not reflected in the Census of Construction.

Data contained in the reports of the census of construction industries may also differ from industry data in "Employment and Earnings Statistics," published by the Bureau of Labor Statistics, and "Statistics of Income," published by the Internal Revenue Service. These differences arise from varying definitions of scope, coverage, timing, classification, and methodology.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in this publication:

*	Sampling error exceeds 40 percent.
**	Represents the sum of all employees during pay periods including 12th of March, May, August, and November, divided by 4.
-	Represents zero.
†	Represents value of construction work less costs for construction work subcontracted to others. (See Duplication in Value of Construction Work.)
††	Represents dollar value of business done less costs for construction work subcontracted to others, and costs for materials, components, supplies, and fuels. In SIC's 1531 and 6552, land receipts are also subtracted from dollar value of business done. (See Duplication in Value of Construction Work.)
(D)	Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
(NA)	Not available.
(S)	Withheld because estimate did not meet publication standards on the basis of either the response rate, associated relative standard error, or a consistency review.
(W)	Greater than zero but less than 1 percent.
(X)	Not applicable.
n.s.k.	Not specified by kind.

Users' Guide for Locating Statistics in This Report by Table Number

Statistics	By State	By Industry	By employment size	By size class of the dollar value of business done	By type, class, ownership, kind of business, and location of construction ¹	By CMSA, PMSA, and MSA ²
Assets and depreciation (gross book value):						
Beginning of year—buildings, machinery and equipment	5					
End of year—total	3, 5	3	7	8		
End of year—buildings, machinery and equipment	5					
Depreciation charges during year— buildings, machinery and equipment	5					
Capital expenditures:						
Total capital expenditures	3, 5	3	7	8		12
New buildings—machinery and equipment	5					
Used buildings—machinery and equipment	5					
Communication services, payments for	4					
Employees:						
All employees—average number	3	3	7	8		12
Construction workers—average number	3, 4, 10	3, 10				
Other employees—average number	4					
Employer costs for fringe benefits—legally required and voluntary expenditures	4					
Establishments:						
Number in business at end of year	4					
Number in business during year:						
All		1		2		
With payroll	3, 4, 6, 10	1, 3, 10	7	2, 8		12
Without payroll		1		2		
Hours—construction workers:						
Total	3, 4, 10	3, 10	7	8		
Quarterly	4, 10	10				
Inventories	6					
Materials, components, supplies, and fuels—payments for .	3, 4	3	7	8		12
Payroll:						
First quarter, all employees	4					
Annual:						
All employees	3, 4	3	7	8		12
Construction workers	3, 4	3				
Other employees	4					
Power, fuels, and lubricants—payments for	4					
Proprietors and working partners:						
All establishments		1		2		
Establishments with payroll	4	1		2		
Establishments without payroll		1		2		
Ratios, industry	11	11				
Receipts:						
Dollar value of business done:						
All establishments		1		2		
Establishments with payroll	4	1	7	2, 8		
Establishments without payroll		1		2		
Value of construction work, total	3, 4, 6	3	7	8	4, 9,	12
For work subcontracted in from others	4					
Other business receipts	4					
Land receipts ³	4					
Net value of construction work	3, 4	3	7	8		12
Value added	3, 4	3	7	8		12
Rental payments:						
Total	3, 4	3	7	8		
For machinery and equipment	4					
For buildings	4					
Repairs to buildings and other structures	4					
Repairs to machinery and equipment	4					
Subcontract work to others, payments for	3, 4	3	7	8	12	

Note: Data for 1982 and earlier years are also available in some of these tables.

¹Type—buildings, roads, etc. Class—new construction; additions, alterations, or reconstruction; or maintenance and repair work. Ownership—private or government owned.

²CMSA—Consolidated metropolitan statistical area; PMSA—Primary metropolitan statistical area; MSA—Metropolitan Statistical area.

³Land receipts are shown separately for SIC's 1531 and 6552 only.



U.S. DEPARTMENT OF COMMERCE
Bureau of the Census

* The Midwest Region was designated as the North Central Region until June 1984.

CONTENTS

New Jersey

[Page numbers listed here omit the prefix that appears as part of the number of each page]

Page

Summary of Findings	2
---------------------------	---

FIGURES

1. Selected Costs Per Dollar Value of Business Done	3
2. Value of Construction Work by Type of Construction	3

TABLES

Statistics for Establishments With and Without Payroll

1. Summary Statistics: 1987 and 1982	4
2. Summary Statistics by Size Class of Dollar Value of Business Done: 1987 and 1982	5

Statistics for Establishments With Payroll

3. General Statistics by Industry: 1987 and 1982	6
4. Detailed Statistics: 1987 and Earlier Census Years	8
5. Assets, Capital Expenditures, and Depreciation: 1987 and 1982	9
6. Value of Inventories: 1987 and 1986	9
7. Selected Statistics by Employment Size Class: 1987 and 1982	10
8. Selected Statistics by Size Class of Dollar Value of Business Done: 1987 and 1982	10
9. Value of Construction Work by Type of Construction: 1987 and 1982	11
10. Quarterly Construction Worker Hours and Employment by Industry: 1987	12
11. Selected Industry Ratios in This State: 1987	14
12. Selected Statistics for Selected Metropolitan Statistical Areas: 1987	15

SUMMARY OF FINDINGS

This report provides results from the 1987 Census of Construction Industries for New Jersey. The report includes data for construction establishments with payroll and shows limited data for establishments with no payroll (nonemployers). (Establishments with no payroll are, for the most part, companies owned and operated by a single person.)

Establishments covered in this report were primarily engaged in contract construction, construction on their own account for sale, or in subdividing real property into lots, as defined in the 1987 Standard Industrial Classification (SIC) Manual. The SIC Manual defines construction in three broad types: (1) building construction by general contractors or operative builders; (2) heavy construction (highways, power plants, etc.) done by general contractors and selected special trade contractors; and, (3) construction done by special trade contractors such as electricians, plumbers and painters. In addition, this census also includes one industry classified under "Real Estate" in the Manual, SIC 6552, Land Subdividers and Developers, Except Cemeteries.

During 1987, there were 59,711 establishments in this State operating in the construction industries or as land subdividers and developers. These establishments accounted for \$24.3 billion in total value of business done.

Most of the 59,711 construction establishments were small. Of the total, 37,463 were nonemployers, and over half of the employer establishments had less than 5 employees. The 8,505 construction establishments with 5 employees or more, while representing only 14 percent of all establishments, accounted for more than 76 percent of the total value of business done.

ESTABLISHMENTS WITH PAYROLL

During 1987, the establishments with paid employees accounted for \$21.2 billion on total dollar value of business done. Of this amount, \$20.1 billion were for the value of construction work. Their payments for construction work subcontracted to others amounted to \$4.6 billion, leaving net value of construction work of \$15.4 billion. In addition, these establishments paid out \$6.5 billion for the cost of materials, fuels, power, rental of equipment and buildings,

and the cost of selected purchased services. Value added for 1987 was \$10.2 billion. (See Introduction and appendixes for explanation of terms.)

There were 22,248 establishments with total employment averaging 187,617 during the year. Total payroll for 1987 was \$4.8 billion. Total hours worked by construction workers during the year were 251 million hours.

The data in this report covering establishments with payroll were obtained from a sample survey. A construction establishment is defined as a relatively permanent office, or other place of business, where the usual business activities related to construction are conducted. A separate census report was required from each sample establishment covering domestic operations. Separate reports were not required for each project or construction site.

In 1987, the value of construction work was collected to better measure actual construction activity done during the year. Construction receipts, as reported in earlier censuses, may have included the value of work done before or after the calendar year and may have also excluded work done by builders for their own use. All dollar values are shown in current dollars for the years specified and have not been adjusted for inflation.

Since the data in this report covering employer establishments are estimated from a sample survey, they are subject to sampling variability, as well as errors of response and nonreporting. The relative standard errors shown in the tables are measures of sampling variability. Descriptions of the sampling, estimating procedures, and data reliability are included in the Introduction.

ESTABLISHMENTS WITHOUT PAYROLL

During 1987, there were 37,463 establishments with no payroll classified as construction or land subdividers and developers. According to administrative records of the Federal Government, their value of business done during 1987 was \$3.1 billion. Most of these establishments, about 76 percent, were special trade contractors.

For the establishments without payroll, only information on total value of business done was available from administrative records. Statistics on establishments without payroll are shown in tables 1 and 2 of this report.

Figure 1. **Selected Costs Per Dollar Value of Business Done**
(Percent)

1987
1982

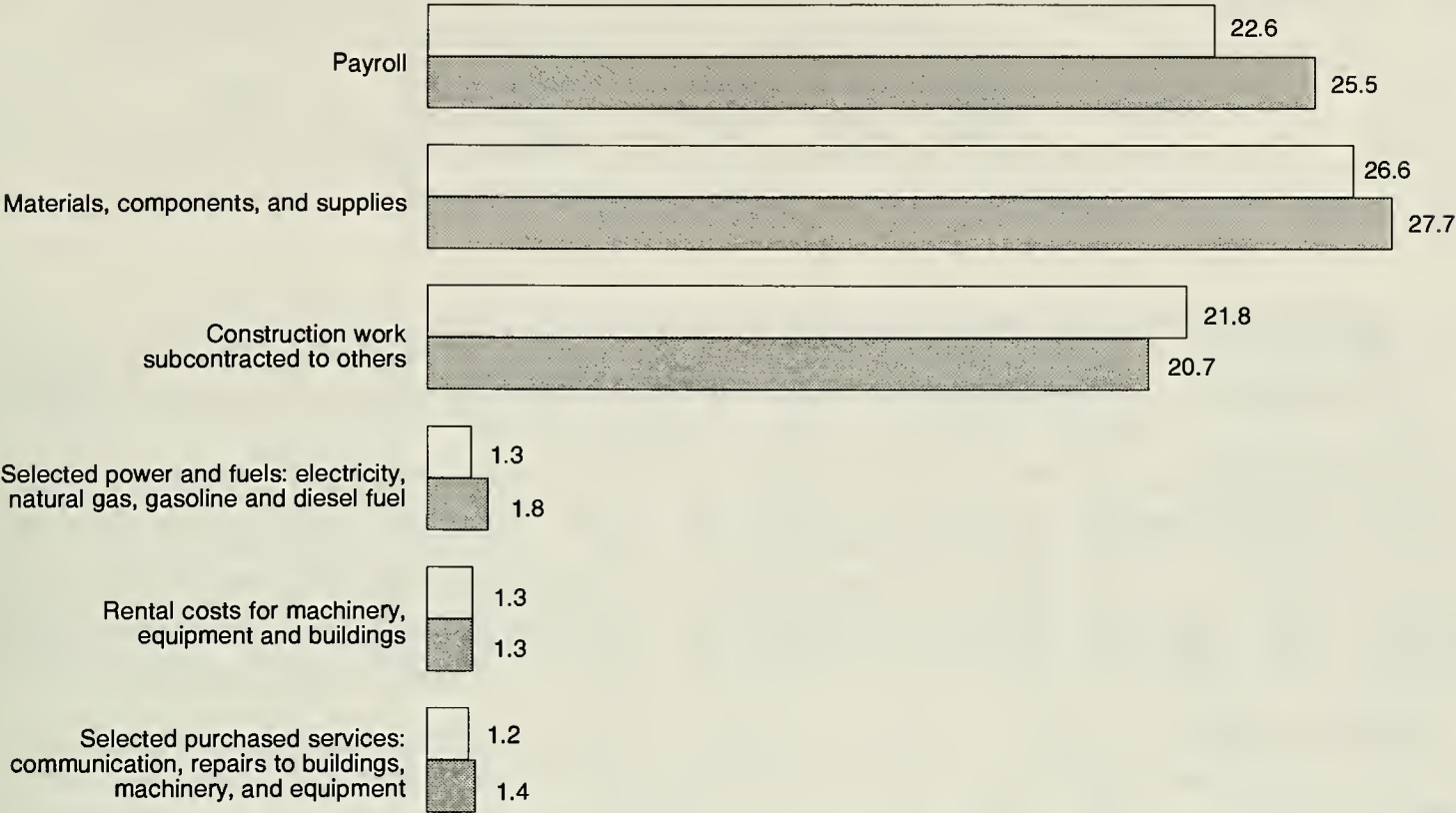


Figure 2. **Value of Construction Work by Type of Construction**
(Percent)

1987
1982

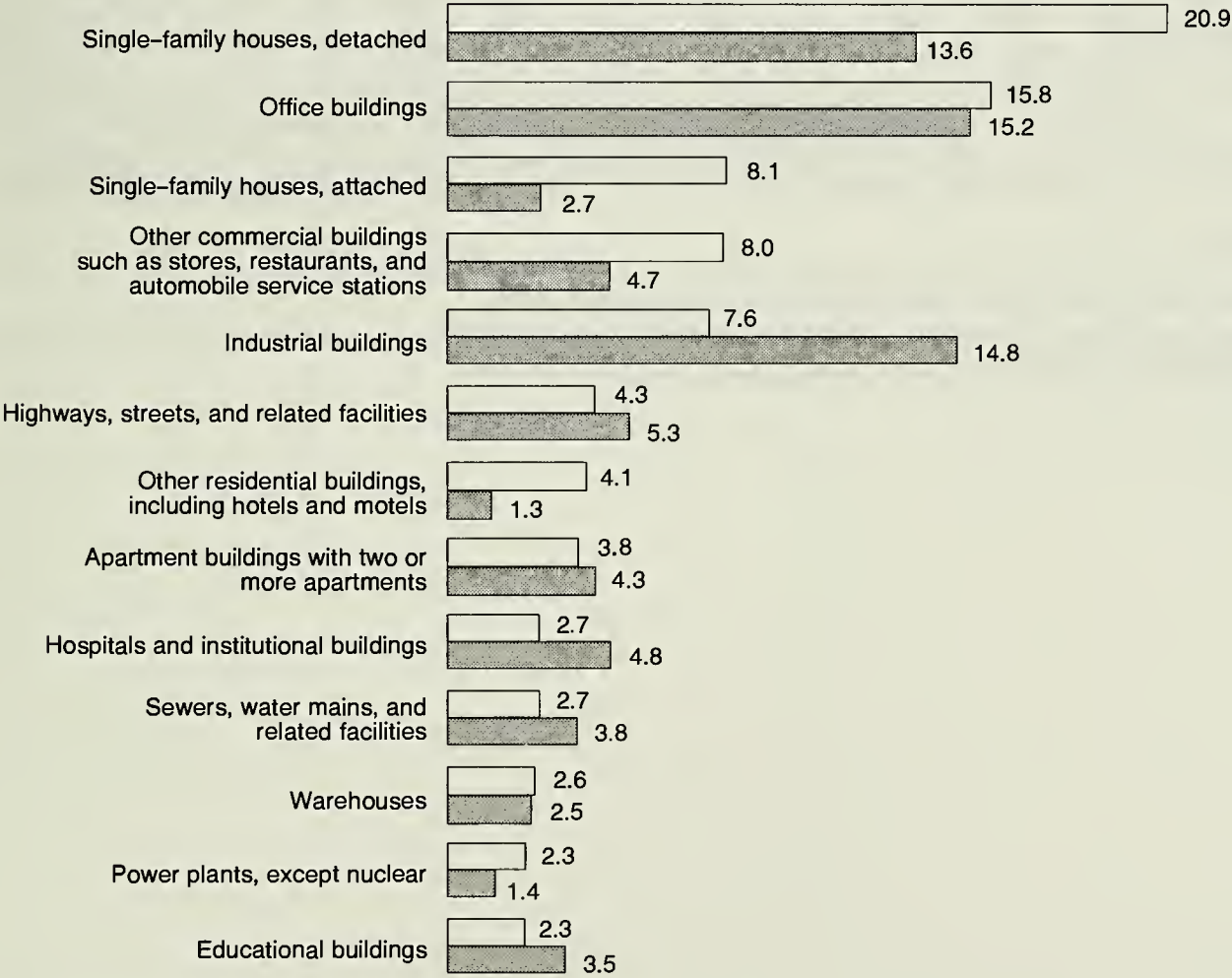


Table 1. Summary Statistics for Establishments With and Without Payroll by Industry: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Industry	All establishments				Establishments without payroll			Establishments with payroll				Relative standard error of estimate (percent) for column—	
		Number	Proprie- tors and working partners	All em- ployees**	Dollar value of business done	Number	Proprie- tors and working partners	Dollar value of business done	Number	Proprie- tors and working partners	All em- ployees**	Dollar value of business done¹		
		A	B	C	D	E	F	G	H	I	J	K	J	K
15, 16, 17	1987													
	Construction Industries and land subdividers and developers -----	59 711	39 957	187 617	24 289 173	37 463	35 525	3 058 776	22 248	4 432	187 617	21 230 397	1	1
	Construction Industries -----	58 655	39 193	185 194	23 203 287	36 625	34 780	2 363 706	22 030	4 413	185 194	20 839 581	1	1
	Building construction—General contractors and operative builders ----	14 087	7 342	46 275	10 048 705	7 861	6 490	1 110 306	6 226	852	46 275	8 938 399	1	1
	Heavy construction other than building construction— contractors-----	1 283	370	24 835	2 736 155	295	274	33 390	988	96	24 835	2 702 765	1	1
	Special trade contractors -----	43 285	31 481	114 084	10 418 427	28 469	28 016	1 220 010	14 816	3 465	114 084	9 198 417	1	1
	Plumbing, heating, and air-conditioning --	5 922	3 522	23 788	2 339 955	2 882	2 830	149 623	3 040	692	23 788	2 190 332	1	2
	Electrical work-----	4 312	2 365	20 708	1 592 688	2 066	1 917	78 332	2 246	448	20 708	1 514 356	1	2
	Land subdividers and developers, n.e.c.²-----	1 047	755	2 413	1 085 874	838	745	695 069	209	10	2 413	390 805	5	8
	1982													
15, 16, 17	Construction Industries and land subdividers and developers -----	36 823	24 664	121 467	10 278 300	21 293	20 655	1 337 638	15 530	4 009	121 467	8 940 662	1	1
	Construction Industries -----	36 448	24 462	121 014	9 980 885	21 020	20 456	1 079 359	15 428	4 006	121 021	8 901 531	1	1
	Building construction—General contractors and operative builders ----	7 036	3 574	24 693	3 153 976	3 320	2 870	447 092	3 716	704	24 695	27 606 885	2	1
	Heavy construction other than building construction— contractors-----	1 678	1 022	17 628	1 673 219	906	880	122 440	772	142	17 629	1 550 780	1	1
	Special trade contractors -----	27 734	19 866	78 693	5 153 690	16 794	16 706	509 827	10 940	3 160	78 697	4 643 863	1	1
	Plumbing, heating, and air-conditioning --	4 341	2 557	18 076	1 316 563	1 997	1 983	88 536	2 344	574	18 076	1 228 027	1	1
	Electrical work-----	2 799	1 571	14 081	962 303	1 251	1 191	48 825	1 548	380	14 081	913 478	2	1
	Land subdividers and developers, n.e.c.²-----	367	200	(S)	(S)	273	199	258 279	94	1	(S)	(S)	(S)	(S)

Note: Number of establishments in this and subsequent tables represent those in business at any time during the year.

¹For establishments with payroll in 1987, the dollar value of business done includes the value of construction work which has a measure of construction activity where no receipts were received. In earlier censuses, construction receipts only were collected.

²For establishments without payroll, may also include data for an unknown number of cemetery subdividers and developers.

Table 2. Summary Statistics by Size Class of Dollar Value of Business Done for Establishments With and Without Payroll : 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Receipts size	All establishments				Establishments without payroll ¹			Establishments with payroll				Relative standard error of estimate (percent) for column—	
	Number	Proprietors and working partners	All employees**	Dollar value of business done	Number	Proprietors and working partners	Dollar value of business done	Number	Proprietors and working partners	All employees**	Dollar value of business done ²		
	A	B	C	D	E	F	G	H	I	J	K	J	K
1987													
The State -----	59 711	39 957	187 617	24 289 173	37 463	35 525	3 058 776	22 248	4 432	187 617	21 230 397	1	1
\$10,000,000 or more -----	282	15	41 953	8 077 481	10	2	165 189	272	13	41 953	7 912 292	(W)	1
\$5,000,000 to \$9,999,999 -----	430	43	21 300	2 926 431	34	17	228 416	396	26	21 300	2 698 015	1	2
\$2,500,000 to \$4,999,999 -----	892	69	23 537	3 112 287	79	38	277 520	813	31	23 537	2 834 767	1	3
\$1,000,000 to \$2,499,999 -----	2 365	320	32 429	3 681 416	261	179	395 948	2 104	141	32 429	3 285 468	2	2
\$500,000 to \$999,999 -----	3 051	642	21 585	2 132 551	468	332	322 068	2 583	310	21 585	1 810 483	3	3
\$250,000 to \$499,999 -----	4 976	1 575	20 109	1 728 490	1 004	781	345 844	3 972	794	20 109	1 382 646	3	3
\$100,000 to \$249,999 -----	(S)	(S)	(S)	(S)	3 323	2 997	504 229	(S)	(S)	(S)	(S)	(S)	(S)
\$50,000 to \$99,999 -----	(S)	(S)	(S)	(S)	5 204	4 978	364 844	(S)	(S)	(S)	(S)	(S)	(S)
\$25,000 to \$49,999 -----	(S)	(S)	(S)	(S)	7 228	6 992	257 194	(S)	(S)	(S)	(S)	(S)	(S)
Less than \$25,000 -----	(S)	(S)	(S)	(S)	19 852	19 209	197 523	(S)	(S)	(S)	(S)	(S)	(S)
\$10,000 to \$24,999 -----	(NA)	(NA)	(NA)	(NA)	8 929	8 648	149 020	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$5,000 to \$9,999 -----	(NA)	(NA)	(NA)	(NA)	4 457	4 330	32 573	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$2,000 to \$4,999 -----	(NA)	(NA)	(NA)	(NA)	3 063	2 960	11 288	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Less than \$2,000 -----	(NA)	(NA)	(NA)	(NA)	3 403	3 271	4 642	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1982													
The State -----	36 823	24 664	121 467	10 278 300	21 293	20 655	1 337 638	15 530	4 009	121 467	8 940 662	1	1
\$10,000,000 or more -----	126	20	23 413	3 069 101	10	12	406 695	116	8	23 413	2 662 406	(W)	(W)
\$5,000,000 to \$9,999,999 -----	186	12	13 170	1 286 911	4	6	25 857	182	6	13 170	1 261 054	(W)	(W)
\$2,500,000 to \$4,999,999 -----	350	32	14 056	1 194 808	19	21	63 910	331	11	14 056	1 130 898	(W)	(W)
\$1,000,000 to \$2,499,999 -----	919	80	17 122	1 403 284	62	54	95 330	857	26	17 122	1 307 954	2	2
\$500,000 to \$999,999 -----	1 426	143	14 582	996 068	110	67	73 674	1 316	76	14 582	922 394	3	3
\$250,000 to \$499,999 -----	2 259	425	13 230	788 146	261	185	86 796	1 998	240	13 230	701 350	4	3
\$100,000 to \$249,999 -----	5 089	2 142	14 626	801 738	1 048	931	154 250	4 041	1 211	14 626	647 488	3	3
\$50,000 to \$99,999 -----	5 328	3 482	6 175	378 261	2 393	2 390	163 907	2 935	1 092	6 175	214 354	4	4
\$25,000 to \$49,999 -----	5 904	4 625	2 972	208 417	3 982	3 943	138 041	1 922	682	2 972	70 376	5	4
Less than \$25,000 -----	15 233	13 700	2 119	151 563	13 404	13 046	129 178	1 829	654	2 119	22 385	4	4
\$10,000 to \$24,999 -----	(NA)	(NA)	(NA)	(NA)	6 030	5 909	97 262	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$5,000 to \$9,999 -----	(NA)	(NA)	(NA)	(NA)	3 320	3 217	22 873	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$2,500 to \$4,999 -----	(NA)	(NA)	(NA)	(NA)	2 593	2 528	7 582	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Less than \$2,500 -----	(NA)	(NA)	(NA)	(NA)	1 461	1 392	1 461	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Note: Underscored data fields include data from adjoining lines which have been withheld to avoid disclosing data for individual companies.

¹For establishments without payroll, may include data for an unknown number of cemetery subdividers and developers.

²For establishments with payroll in 1987, the dollar value of business done includes the value of construction work which has a measure of construction activity where no receipts were received. In earlier censuses, construction receipts only were collected.

Table 3. General Statistics for Establishments With Payroll by Industry: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Industry	1987							
		Number of establish- ments	Employees**		Payroll		Construction worker hours (thousands)	Value of construction work	Net value of construction work†
			All	Construction workers	All employees	Construction workers			
A	B	C	D	E	F	G	H		
	Construction industries and land subdividers and developers -----	22 248	187 617	146 565	4 788 380	3 363 212	250 783	20 064 340	15 427 920
15, 16, 17	Construction industries:								
15	Building construction--General contractors and operative builders:								
152	General contractors, residential buildings:								
1521	Single-family houses -----	3 656	16 262	12 715	301 510	205 019	19 999	1 709 637	1 225 226
1522	Other residential buildings -----	391	2 477	1 901	56 239	37 492	3 193	336 878	192 130
1531	Operative builders -----	949	8 311	3 692	255 638	78 981	6 139	2 570 031	1 654 465
154	General contractors, nonresidential buildings:								
1541	Industrial buildings and warehouses -----	309	3 915	2 796	109 522	68 698	4 963	696 373	364 316
1542	Nonresidential buildings, n.e.c. -----	921	15 310	11 315	411 511	270 667	19 577	2 899 495	1 290 879
16	Heavy construction other than building construction--contractors:								
1611	Highway and street construction -----	353	7 016	5 893	198 199	155 373	10 472	838 067	724 836
162	Heavy construction, except highway:								
1622	Bridge, tunnel, and elevated highway construction -----	28	1 581	1 281	52 000	36 871	2 448	213 386	172 722
1623	Water, sewer, and utility lines -----	222	5 343	4 434	163 803	126 103	8 172	547 106	485 996
1629	Heavy construction, n.e.c. -----	385	10 895	8 994	365 128	264 254	16 532	952 518	856 024
17	Special trade contractors:								
1711	Plumbing, heating, and air-conditioning -----	3 040	23 788	18 364	630 816	450 217	33 978	2 167 859	1 951 662
1721	Painting and paper hanging -----	1 262	5 141	4 374	100 481	82 160	6 689	275 169	254 870
1731	Electrical work -----	2 246	20 708	16 725	567 965	444 006	30 336	1 504 610	1 462 553
174	Masonry, stonework, tile setting, and plastering:								
1741	Masonry, stone setting, and other stonework -----	1 204	7 618	6 682	168 071	133 534	10 626	554 816	509 063
1742	Plastering, drywall, and insulation work -----	468	7 278	6 085	202 342	156 386	9 909	624 373	565 006
1743	Terrazzo, tile, marble, and mosaic work -----	246	1 763	1 471	37 152	27 923	2 455	122 814	116 611
175	Carpentry and floor work:								
1751	Carpentry -----	1 971	7 873	6 711	150 768	118 886	10 382	525 130	456 278
1752	Floor laying and other floor work -----	354	2 286	1 848	51 773	37 393	2 821	206 531	184 303
1761	Roofing, siding, and sheet metal work -----	1 207	9 027	7 186	202 799	145 027	11 697	715 806	667 643
1771	Concrete work -----	618	6 635	5 752	155 950	122 569	9 236	528 415	489 603
1781	Water well drilling -----	79	566	442	14 272	10 279	747	49 814	48 361
179	Miscellaneous special trade contractors:								
1791	Structural steel erection -----	168	2 808	2 345	79 637	61 667	3 843	228 986	218 153
1793	Glass and glazing work -----	183	1 641	1 184	47 026	28 414	2 126	159 384	154 348
1794	Excavation work -----	666	4 887	4 139	114 874	89 794	7 460	451 989	410 357
1795	Wrecking and demolition work -----	41	683	571	14 889	11 420	981	47 875	45 067
1796	Installing building equipment, n.e.c. -----	130	3 084	2 370	108 035	76 239	4 337	339 190	315 042
1799	Special trade contractors, n.e.c. -----	933	8 298	6 621	174 911	112 221	10 499	561 759	500 606
6552	Land subdividers and developers, n.e.c. -----	209	2 413	654	53 059	11 608	1 148	236 317	111 789

†In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity where no receipts were received.

1987—Con.						1982			Relative standard error of estimate (percent) for column—			1987 SIC code
Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub-contracted to others	Rental cost of machinery, equipment, and buildings	Capital expenditures, other than land	End-of-year gross book value of depreciable assets	All employees**	Total construction receipts†	Value added††				
I	J	K	L	M	N	O	P	Q	B	H	M	
10 165 521	5 937 965	4 636 419	285 212	326 885	2 046 795	121 467	8 718 512	4 392 823	1	1	2	15, 16, 17
												15
703 419	636 108	484 411	18 331	21 508	136 686	8 617	536 679	217 048	3	3	8	152
113 019	88 292	144 747	3 394	2 592	14 468	1 055	119 537	35 185	8	8	23	1521
1 022 611	(D)	915 566	13 195	24 027	157 056	2 729	405 729	141 690	3	5	13	1531
227 424	157 163	332 057	7 870	7 103	49 405	3 650	430 318	133 479	5	5	18	154
942 045	512 865	1 608 616	24 100	21 434	127 041	8 642	1 132 935	297 175	2	1	10	1541
												16
469 724	280 013	113 230	28 741	37 412	231 972	4 575	381 346	157 508	2	2	7	1611
123 530	57 818	40 664	7 046	3 515	37 514	686	85 952	37 831	3	2	7	162
348 243	141 816	61 110	24 721	21 933	156 061	4 731	418 337	270 835	3	2	7	1622
755 047	(D)	96 494	19 292	22 364	141 844	7 636	631 407	379 844	1	1	7	1623
												17
1 155 305	818 829	216 197	26 739	32 558	187 262	18 076	1 214 186	662 471	1	1	5	1711
198 969	60 283	20 299	3 925	3 172	25 357	3 636	137 989	102 632	4	3	16	1721
941 688	530 611	42 057	18 789	19 032	117 189	14 081	904 331	517 706	1	1	7	1731
328 876	182 811	45 752	8 309	12 469	58 432	5 154	199 634	122 025	3	3	10	174
368 401	203 915	59 366	5 626	7 603	39 900	5 040	264 077	189 126	2	3	10	1741
73 709	44 240	6 202	965	1 788	7 423	874	41 812	23 346	4	5	22	1742
												175
291 625	173 807	68 852	5 116	8 127	38 820	4 911	231 847	127 121	3	3	11	1751
107 962	84 422	22 228	2 182	2 924	14 335	1 106	51 891	32 084	5	8	26	1752
417 441	255 403	48 163	9 678	10 547	69 156	6 301	316 155	183 417	3	4	13	1761
299 478	195 832	38 812	13 245	15 769	82 787	4 629	256 091	137 804	5	3	8	1771
29 011	20 145	1 452	492	1 553	12 532	384	27 751	16 898	5	6	8	1781
176 422	49 728	10 833	7 704	4 525	33 870	2 265	146 112	106 669	4	4	4	179
82 756	75 666	5 036	2 039	2 371	17 411	1 272	79 188	40 613	5	3	12	1791
304 501	115 613	41 631	17 392	23 906	183 550	3 423	241 939	156 181	4	4	10	1793
39 988	5 905	2 808	1 648	1 151	8 077	677	30 651	26 873	(W)	(W)	11	1794
224 164	100 541	24 148	4 025	2 073	16 912	2 601	185 822	126 298	1	2	11	1795
347 105	178 263	61 153	9 666	9 285	52 257	4 263	223 671	139 209	4	3	12	1796
												1799
73 045	66 320	124 527	971	6 134	29 468	(S)	(S)	(S)	5	13	34	6552

Table 4. Detailed Statistics for Establishments With Payroll: 1987 and Earlier Census Years

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Item	1987	1982	1977	1972	Relative standard error of estimate (percent)			
					1987	1982	1977	1972
Number of establishments in business during year	22 248	15 530	15 388	15 530	1	1	2	2
Proprietors and working partners	4 432	4 009	6 504	7 136	4	4	4	4
All employees**	187 617	121 467	115 043	129 730	1	1	1	2
Construction workers:								
March	132 722	84 208	79 229	88 096	1	1	1	2
May	148 790	100 349	101 731	105 004	1	1	1	2
August	156 673	106 347	106 993	118 259	1	1	1	2
November	148 074	98 087	98 947	110 929	1	1	1	2
Average	146 565	98 810	96 806	107 165	1	1	1	2
Other employees:								
March	39 958	22 432	17 255	21 212	1	1	1	2
May	40 911	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
August	41 739	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
November	41 619	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
Average	41 057	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
Construction worker hours (thousands):								
January to March	54 867	33 413	(NA)	(NA)	1	1	(NA)	(NA)
April to June	64 049	40 332	(NA)	(NA)	1	1	(NA)	(NA)
July to September	68 031	43 109	(NA)	(NA)	1	1	(NA)	(NA)
October to December	63 834	39 892	(NA)	(NA)	1	1	(NA)	(NA)
Total hours worked	250 783	156 747	(NA)	(NA)	1	1	(NA)	(NA)
Payroll, all employees	4 788 380	2 279 343	1 493 471	1 374 819	(W)	1	1	1
Payroll, construction workers	3 363 212	1 765 318	1 185 829	1 103 235	(W)	1	1	1
Payroll, other employees	1 425 168	514 025	307 643	271 584	1	1	1	2
First quarter payroll, all employees	1 020 647	483 015	272 613	(NA)	1	1	1	(NA)
Employer costs for fringe benefits, all employees	1 090 514	425 440	292 463	(NA)	1	1	(W)	(NA)
Legally required expenditures	732 288	326 805	156 679	(NA)	1	1	1	(NA)
Voluntary expenditures	358 226	98 635	135 783	(NA)	1	1	(W)	(NA)
Dollar value of business done	21 230 397	8 940 662	5 655 701	5 107 733	1	1	1	2
Value of construction work ¹	20 064 340	8 718 512	5 489 386	4 967 877	1	1	1	2
Value of construction work subcontracted in from others	4 767 481	2 137 584	1 402 690	1 101 781	1	1	1	2
Land receipts ²	490 491	60 087	(NA)	(NA)	4	7	(NA)	(NA)
Other business receipts	675 566	162 062	166 315	139 856	2	2	3	2
Net value of construction†	15 427 920	6 871 562	4 258 469	3 760 677	1	1	1	2
Value added††	10 165 521	4 392 823	2 584 532	2 361 787	1	1	1	2
Selected costs	10 574 384	4 487 750	2 999 052	2 674 529	1	1	1	2
Materials, components, and supplies ³	5 655 665	2 479 330	1 676 547	1 467 329	1	1	1	2
Construction work subcontracted to others	4 636 419	1 846 949	1 230 916	1 207 200	1	1	1	2
Selected power, fuels, and lubricants	282 299	161 470	91 589	(NA)	1	1	1	(NA)
Electricity	43 585	24 390	15 150	(NA)	1	2	2	(NA)
Natural gas	10 239	5 741	4 230	(NA)	2	4	4	(NA)
Gasoline and diesel fuel	209 043	121 384	60 142	(NA)	1	1	1	(NA)
On highway use	162 513	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
Off highway use	46 530	(NA)	(NA)	(NA)	2	(NA)	(NA)	(NA)
Other, including lubricating oils and greases	19 431	9 954	12 069	(NA)	2	3	3	(NA)
Rental cost for machinery, equipment, and buildings	285 212	119 095	67 513	(NA)	1	1	1	(NA)
For machinery and equipment	191 639	90 116	53 160	71 302	2	1	2	3
For buildings	93 573	28 979	14 352	(NA)	2	2	2	(NA)
Selected purchased services	262 213	127 273	91 261	(NA)	1	1	1	(NA)
Communication services	88 756	41 392	31 400	(NA)	2	2	1	(NA)
Repairs to buildings and other structures	17 737	9 139	5 187	(NA)	4	3	4	(NA)
Repairs to machinery and equipment	155 720	76 741	54 674	(NA)	1	1	2	(NA)
Ownership of construction projects:								
Value of construction work	20 064 340	8 718 512	5 489 386	4 967 877	1	1	1	2
Government owned	2 651 205	1 725 308	1 126 539	1 408 443	2	2	1	2
Federal	452 104	(NA)	(NA)	(NA)	3	(NA)	(NA)	(NA)
State and local	2 199 100	(NA)	(NA)	(NA)	2	(NA)	(NA)	(NA)
Privately owned	17 413 134	6 993 203	4 362 847	3 559 434	1	1	1	2

¹In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity where no receipts were received.

²Data were collected separately for establishments classified in SIC 1531, Operative Builders and SIC 6552, Land Subdividers and Developers, Except Cemeteries. For all other industries, data are included in other business receipts.

³For 1972, includes data for power, fuels, and lubricants.

Table 5. Assets, Capital Expenditures, and Depreciation for Establishments With Payroll: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Item	1987	1982	Relative standard error of estimate (percent)	
			1987	1982
BUILDINGS AND OTHER STRUCTURES, MACHINERY, AND EQUIPMENT				
Beginning-of-year gross book value of depreciable assets -----	1 822 089	1 369 384	2	1
Capital expenditures, other than land -----	326 885	141 770	2	2
New -----	279 666	107 280	2	2
Used -----	47 218	34 490	5	4
Retirements and disposition of depreciable assets -----	102 179	52 881	6	2
End-of-year gross book value of depreciable assets -----	2 046 795	1 458 273	2	1
Depreciation charges during year -----	268 195	173 238	2	1
Buildings and Other Structures, Additions, and Related Facilities				
Beginning-of-year gross book value of depreciable assets -----	428 125	257 491	6	2
Capital expenditures, other than land -----	42 167	25 025	5	3
New buildings and other structures -----	28 110	19 993	5	3
Used buildings and other structures -----	14 056	5 032	12	5
Retirements and disposition of depreciable assets -----	43 765	12 206	12	7
End-of-year gross book value of depreciable assets -----	426 527	270 310	5	2
Depreciation charges during year -----	36 449	22 122	5	3
Machinery and Equipment				
Beginning-of-year gross book value of depreciable assets -----	1 393 963	1 111 892	2	1
Capital expenditures, other than land -----	284 718	116 745	2	2
New machinery and equipment, including automobiles and trucks -----	251 556	87 287	3	2
New automobiles and trucks, intended primarily for highway use -----	129 696	41 615	3	3
Used machinery and equipment, including automobiles and trucks -----	33 161	29 458	6	5
Retirements and disposition of depreciable assets -----	58 414	40 675	4	2
End-of-year gross book value of depreciable assets -----	1 620 268	1 187 963	1	1
Depreciation charges during year -----	231 746	151 116	2	1

Table 6. Value of Inventories for Establishments With Payroll: 1987 and 1986

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Item	Establishments with payroll	Relative standard error of estimate (percent)
All establishments:		
Number	22 248	1
Value of construction work	20 064 340	1
Establishments with inventories:		
Number	7 939	2
Value of construction work	9 427 137	2
Inventories ¹ :		
End of 1987, materials and supplies	252 319	6
End of 1986, materials and supplies	233 910	6
Establishments with no inventories:		
Number	10 926	2
Value of construction work	6 886 016	1
Establishments not reporting:		
Number	3 383	4
Value of construction work	3 751 187	2

¹Inventories at cost or market prior to any adjustment to correct to LIFO values.

Table 7. Selected Statistics for Establishments With Payroll by Employment Size Class: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Selected statistics	Total	Establishments with an average of—								
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 employees or more
1987										
Number of establishments -----	22 248	(S)	4 424	2 289	1 313	289	143	40	5	2
All employees** -----	187 617	(S)	28 336	30 073	38 725	19 384	20 459	13 505	9 928	(D)
Payroll, all employees -----	4 788 380	(S)	585 393	709 855	1 067 313	597 382	624 292	459 632	278 974	(D)
Construction worker hours (thousands) -----	250 783	(S)	35 374	38 413	52 456	27 694	30 067	19 486	12 836	(D)
Dollar value business done -----	21 230 397	(S)	2 499 365	3 144 361	4 594 615	2 375 051	2 662 899	2 216 262	954 139	(D)
Value of construction work ¹ -----	20 064 340	(S)	2 392 029	3 043 632	4 394 590	2 297 613	4 581 581	(D)	720 352	(D)
Net value of construction work† -----	15 427 920	(S)	1 976 310	2 384 596	3 361 879	1 759 083	1 790 701	1 493 636	515 465	(D)
Value added†† -----	10 165 521	(S)	1 243 201	1 472 896	2 133 069	1 202 031	1 270 665	1 047 363	541 531	(D)
Cost of materials, components, supplies, and fuels -----	5 937 965	(S)	768 596	963 836	1 313 826	611 321	1 224 844	(D)	116 317	(D)
Cost of construction work subcontracted to others -----	4 636 419	(S)	415 719	659 036	1 032 711	538 530	1 297 244	(D)	204 887	(D)
Rental cost for machinery, equipment, and buildings -----	285 212	(S)	31 637	43 946	68 949	43 226	38 643	28 269	2 526	(D)
Capital expenditures, other than land -----	326 885	(S)	49 186	55 744	82 717	33 718	34 913	7 998	10 399	(D)
End-of-year gross book value of depreciable assets -----	2 046 795	(S)	330 029	340 893	463 330	251 543	209 447	91 482	19 590	(D)
1982										
All employees** -----	121 467	20 221	17 328	18 930	22 713	13 501	15 220	6 818	3 248	3 487
Value of construction work ¹ -----	6 871 562	912 264	820 635	1 016 551	1 413 069	917 220	997 650	418 879	375 293	(D)
Value added†† -----	4 392 823	521 802	503 780	630 944	907 210	625 184	662 771	330 293	86 698	124 139
1987 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)										
All employees** -----	1	(S)	3	2	2	1	1	(W)	(W)	(D)
Net value of construction work† -----	1	(S)	3	3	1	(W)	(W)	(W)	(W)	(D)
Capital expenditures, other than land -----	2	(S)	8	6	4	1	(W)	(W)	(W)	(D)

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies.

¹In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity where no receipts were received.

Table 8. Selected Statistics by Size Class of Dollar Value of Business Done for Establishments With Payroll: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Selected statistics	Total	Establishments with dollar value of business done—									
		Less than \$25,000	\$25,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 to \$9,999,999	\$10,000,000 or more
1987											
Number of establishments -----	22 248	(S)	(S)	(S)	(S)	3 972	2 583	2 104	813	396	272
All employees** -----	187 617	(S)	(S)	(S)	(S)	20 109	21 585	32 429	23 537	21 300	41 953
Payroll, all employees -----	4 788 380	(S)	(S)	(S)	(S)	385 030	453 441	827 122	666 883	653 992	1 435 357
Construction worker hours (thousands) -----	250 783	(S)	(S)	(S)	(S)	25 854	27 337	42 825	32 628	31 384	57 337
Dollar value of business done -----	21 230 397	(S)	(S)	(S)	(S)	1 382 646	1 810 483	3 285 468	2 834 767	2 698 015	7 912 292
Value of construction work ¹ -----	20 064 340	(S)	(S)	(S)	(S)	1 347 545	1 758 118	3 163 495	2 689 654	2 602 539	7 218 780
Net value of construction work† -----	15 427 920	(S)	(S)	(S)	(S)	1 193 328	1 488 176	2 612 461	2 183 124	1 997 509	4 763 718
Value added†† -----	10 165 521	(S)	(S)	(S)	(S)	749 667	911 446	1 663 612	1 385 239	1 320 760	3 397 996
Cost of materials, components, supplies, and fuels -----	5 937 965	(S)	(S)	(S)	(S)	468 779	606 199	1 007 269	860 459	726 241	1 800 417
Cost of construction work subcontracted to others -----	4 636 419	(S)	(S)	(S)	(S)	154 216	269 942	551 034	506 529	605 029	2 455 061
Rental cost for machinery, equipment, and buildings -----	285 212	(S)	(S)	(S)	(S)	19 817	24 784	48 505	44 556	38 909	90 532
Capital expenditures, other than land -----	326 885	(S)	(S)	(S)	(S)	35 732	33 272	63 227	50 871	36 947	73 934
End-of-year gross book value of depreciable assets -----	2 046 795	(S)	(S)	(S)	(S)	238 875	219 101	408 302	289 238	241 271	446 564
1982											
All employees** -----	121 467	2 119	2 972	6 175	14 626	13 230	14 582	17 122	14 056	13 170	23 413
Value of construction work ¹ -----	6 871 562	18 701	65 202	194 693	578 002	592 749	753 397	1 063 348	905 958	925 241	1 774 269
Value added†† -----	4 392 823	9 709	39 218	114 433	346 453	358 221	473 381	666 660	588 579	615 426	1 180 739
1987 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)											
All employees** -----	1	(S)	(S)	(S)	(S)	3	3	2	1	1	(W)
Net value of construction work† -----	1	(S)	(S)	(S)	(S)	3	3	2	2	2	1
Capital expenditures, other than land -----	2	(S)	(S)	(S)	(S)	9	7	7	7	5	2

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies.

¹In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity where no receipts were received.

Table 9. Value of Construction Work for Establishments With Payroll by Type of Construction: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Type of construction	Value of construction work ¹				Relative standard error of estimate (percent) for column—			
	Total	New construction	Additions, alterations, or reconstruction ²	Maintenance and repair				
	A	B	C	D	A	B	C	D
1987								
Value of construction work ¹	20 064 340	12 981 725	4 275 963	1 924 824	1	1	1	2
Building construction	15 842 497	10 833 802	3 539 305	1 410 906	1	1	1	2
Single-family houses	5 829 172	4 545 171	878 794	405 206	2	2	3	6
Single-family houses, detached	4 200 430	3 054 080	799 519	346 830	2	3	3	6
Single-family houses, attached	1 628 742	1 491 091	79 275	58 375	3	3	8	10
Apartment buildings with two or more apartments	767 450	555 108	137 686	74 655	8	10	9	6
Other residential buildings, including hotels and motels	828 198	623 343	152 200	52 653	3	4	5	6
Hotels and motels	580 228	487 026	68 287	24 913	4	4	4	5
Other residential buildings, excluding hotels and motels	247 969	136 317	83 912	27 739	6	9	9	11
Office buildings	3 173 072	2 204 351	757 289	211 431	1	1	2	2
Other commercial buildings such as stores, restaurants, and automobile service stations	1 599 174	972 580	385 750	240 843	1	2	2	3
Industrial buildings and warehouses	2 040 782	1 212 837	543 822	284 122	1	2	2	3
Industrial buildings	1 519 868	836 349	434 904	248 615	1	2	3	3
Warehouses	520 914	376 488	108 918	35 507	3	4	4	4
Religious buildings	116 681	50 216	40 540	25 924	6	7	10	8
Educational buildings	456 963	235 842	167 219	53 901	3	3	5	5
Hospitals and institutional buildings	547 291	292 123	216 351	38 817	2	1	3	5
Farm buildings	27 802	11 032	13 450	3 319	12	15	20	14
Amusement, social, and recreational buildings	82 008	56 134	19 484	6 390	2	2	6	10
Other nonresidential buildings	315 418	75 065	226 720	13 645	2	4	2	15
Land development for buildings	58 486	(NA)	(NA)	(NA)	10	(NA)	(NA)	(NA)
Nonbuilding construction	3 398 500	2 147 923	736 658	513 918	1	1	1	2
Highways, streets, and related facilities	856 268	470 278	234 785	151 203	2	4	2	4
Outdoor swimming pools	102 841	75 644	14 043	13 153	13	14	19	20
Parking areas including private driveways	133 547	99 866	17 534	16 146	6	6	10	18
Bridges, tunnels, and elevated highways	236 854	129 578	90 629	16 647	1	2	1	2
Tunnels	28 811	15 606	12 407	798	4	7	1	11
Bridges and elevated highways	208 043	113 971	78 222	15 849	1	1	1	2
Marine construction	92 565	59 240	16 342	16 983	4	4	4	5
Power and communication transmission lines, towers, and related facilities	122 333	57 337	40 562	24 432	4	5	4	11
Sewers, water mains, and related facilities	537 825	357 962	130 266	49 595	2	2	5	7
Sewers, sewer lines, and related facilities	312 233	225 368	56 977	29 887	3	3	7	7
Water mains and related facilities	225 591	132 593	73 289	19 708	2	2	4	9
Pipeline, other than sewer or water lines	151 903	113 200	22 300	16 403	2	2	4	4
Mass transit construction	75 747	41 984	18 900	14 863	9	7	8	28
Subways	24 106	18 494	5 612	-	4	6	3	-
Railroads	51 640	23 490	13 287	14 863	14	13	11	28
Blast furnaces, petroleum refineries, and chemical complexes	120 832	40 022	39 464	41 345	6	16	3	5
Power plants	514 180	391 754	31 932	90 493	1	(W)	2	3
Power plants, nuclear	55 576	37 726	6 428	11 422	1	(W)	1	4
Power plants, except nuclear	458 603	354 028	25 503	79 071	1	(W)	2	3
Sewage treatment and water treatment plants	115 988	86 707	22 019	7 262	5	5	5	15
Sewage treatment plants	61 932	48 186	9 686	4 059	5	5	9	18
Water treatment plants	54 056	38 521	12 333	3 202	7	7	7	25
Earthmoving, nonbuilding	98 390	83 992	6 690	7 707	13	11	28	35
Other nonbuilding construction	239 226	140 358	51 191	47 685	7	10	11	14
Construction work, n.s.k.	823 343	(NA)	(NA)	(NA)	4	(NA)	(NA)	(NA)
1982								
Value of construction work ¹	8 718 512	6 804 556	(NA)	1 913 955	1	1	(NA)	1
Building construction	6 090 130	4 864 598	(NA)	1 225 532	1	1	(NA)	1
Single-family houses	1 421 591	1 112 242	(NA)	309 348	2	2	(NA)	3
Single-family houses, detached	1 182 703	910 836	(NA)	271 867	2	2	(NA)	3
Single-family houses, attached	238 887	201 406	(NA)	37 481	4	4	(NA)	5
Apartment buildings with two or more apartments	374 051	296 015	(NA)	78 035	2	2	(NA)	6
Other residential buildings, including hotels and motels	113 600	94 872	(NA)	18 727	3	3	(NA)	4
Office buildings	1 324 847	1 128 245	(NA)	196 602	1	1	(NA)	2
Other commercial buildings such as stores, restaurants, and automobile service stations	412 978	301 695	(NA)	111 283	2	3	(NA)	4
Industrial buildings and warehouses	1 512 813	1 175 797	(NA)	337 015	1	1	(NA)	2
Industrial buildings	1 290 565	992 510	(NA)	298 054	1	1	(NA)	2
Warehouses	222 248	183 287	(NA)	38 961	2	2	(NA)	4
Religious buildings	58 469	39 392	(NA)	19 076	5	8	(NA)	7
Educational buildings	303 966	241 069	(NA)	62 897	2	2	(NA)	4
Hospitals and institutional buildings	414 724	354 547	(NA)	60 176	1	1	(NA)	5
Farm buildings	28 994	25 272	(NA)	*3 721	6	3	(NA)	47
Amusement, social, and recreational buildings	49 364	38 756	(NA)	10 607	4	4	(NA)	9
Other nonresidential buildings	74 733	56 696	(NA)	18 045	6	5	(NA)	10
Nonbuilding construction	1 966 222	1 415 941	(NA)	550 281	1	1	(NA)	1
Highways, streets, and related facilities	463 585	276 911	(NA)	186 674	2	3	(NA)	2
Bridges, tunnels, and elevated highways	99 393	54 637	(NA)	44 755	1	2	(NA)	(W)
Marine construction	106 920	54 162	(NA)	52 757	3	3	(NA)	4
Power and communication transmission lines, towers, and related facilities	53 703	42 744	(NA)	10 959	3	4	(NA)	2
Sewers, water mains, and related facilities	331 111	245 192	(NA)	85 918	2	3	(NA)	5
Pipeline, other than sewer or water lines	116 147	99 055	(NA)	17 092	2	2	(NA)	(W)
Mass transit construction	138 125	125 275	(NA)	12 850	1	(W)	(NA)	8
Blast furnaces, petroleum refineries, and chemical complexes	129 433	78 952	(NA)	50 481	2	2	(NA)	3
Power plants	217 161	182 865	(NA)	34 295	(W)	(W)	(NA)	2
Sewage treatment and water treatment plants	182 415	164 124	(NA)	18 291	1	1	(NA)	5
Other nonbuilding construction	128 228	92 023	(NA)	36 208	8	8	(NA)	11
Construction work, n.s.k.	662 159	524 016	(NA)	138 142	3	3	(NA)	3

¹In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity where no receipts were received.

²In 1982, data for additions, alterations, or reconstruction were not collected separately. These data are included with "New construction".

Table 10. Quarterly Construction Worker Hours and Employment With Payroll by Industry:

[Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Industry	Number of establishments	Average number of construction workers	Construction worker hours (thousands)	January to March		April to June	
					Construction workers ¹	Hours worked (thousands)	Construction workers ¹	Hours worked (thousands)
		A	B	C	D	E	F	G
	Construction Industries and land subdividers and developers -----	22 248	146 565	250 783	132 722	54 867	148 790	64 049
15, 16, 17	Construction Industries:							
15	Building construction—General contractors and operative builders:							
152	General contractors, residential buildings:							
1521	Single-family houses -----	3 656	12 715	19 999	11 470	4 419	12 803	5 040
1522	Other residential buildings -----	391	1 901	3 193	1 845	752	2 010	887
1531	Operative builders -----	949	3 692	6 139	3 500	1 425	3 651	1 522
154	General contractors, nonresidential buildings:							
1541	Industrial buildings and warehouses -----	309	2 796	4 963	2 458	1 106	2 705	1 218
1542	Nonresidential buildings, n.e.c. -----	921	11 315	19 577	10 491	4 430	11 538	4 971
16	Heavy construction other than building construction—contractors:							
1611	Highway and street construction -----	353	5 893	10 472	4 006	1 655	6 353	2 815
162	Heavy construction, except highway:							
1622	Bridge, tunnel, and elevated highway construction -----	28	1 281	2 448	1 073	495	1 403	686
1623	Water, sewer, and utility lines -----	222	4 434	8 172	3 592	1 508	4 489	2 108
1629	Heavy construction, n.e.c. -----	385	8 994	16 532	8 974	4 103	9 755	4 606
17	Special trade contractors:							
1711	Plumbing, heating, and air-conditioning ----	3 040	18 364	33 978	17 606	8 029	18 210	8 448
1721	Painting and paper hanging -----	1 262	4 374	6 689	3 552	1 320	4 535	1 734
1731	Electrical work -----	2 246	16 725	30 336	16 449	7 287	16 394	7 480
174	Masonry, stonework, tile setting, and plastering:							
1741	Masonry, stone setting, and other stonework -----	1 204	6 682	10 626	5 537	1 913	7 204	2 933
1742	Plastering, drywall, and insulation work ---	468	6 085	9 909	5 378	2 096	5 812	2 340
1743	Terrazzo, tile, marble, and mosaic work -	246	1 471	2 455	1 421	597	1 507	621
175	Carpentry and floor work:							
1751	Carpentry -----	1 971	6 711	10 382	6 316	2 336	6 728	2 593
1752	Floor laying and other floor work -----	354	1 848	2 821	1 893	709	1 903	738
1761	Roofing, siding, and sheet metal work -----	1 207	7 186	11 697	6 148	2 274	7 016	2 903
1771	Concrete work -----	618	5 752	9 236	4 479	1 624	6 147	2 523
1781	Water well drilling -----	79	442	747	424	165	445	184
179	Miscellaneous special trade contractors:							
1791	Structural steel erection -----	168	2 345	3 843	2 362	923	2 306	931
1793	Glass and glazing work -----	183	1 184	2 126	1 068	496	1 255	558
1794	Excavation work -----	666	4 139	7 460	3 447	1 425	4 270	1 913
1795	Wrecking and demolition work -----	41	571	981	554	220	580	250
1796	Installing building equipment, n.e.c. -----	130	2 370	4 337	2 496	1 158	2 359	1 058
1799	Special trade contractors, n.e.c. -----	933	6 621	10 499	5 597	2 151	6 728	2 693
6552	Land subdividers and developers, n.e.c. --	209	654	1 148	576	237	675	284

¹Construction workers during pay periods including 12th of March, May, August, and November.

July to September		October to December		Relative standard error of estimate (percent) for column—										1987 SIC code
Construction workers¹	Hours worked (thousands)	Construction workers¹	Hours worked (thousands)											
H	I	J	K	B	C	D	E	F	G	H	I	J	K	
156 673	68 031	148 074	63 834	1	1	1	1	1	1	1	1	1	1	15, 16, 17
														15
13 836 2 020	5 472 830	12 749 1 731	5 068 723	3 8	4 10	3 7	4 10	3 8	4 10	3 9	4 11	3 9	4 11	152 1521 1522
4 051	1 681	3 567	1 509	4	5	4	5	4	5	4	5	4	5	1531
														154
2 945 11 831	1 335 5 181	3 076 11 402	1 302 4 994	5 2	8 3	5 2	8 3	5 3	8 4	5 2	8 3	6 2	8 3	1541 1542
														16
6 939	3 224	6 276	2 777	2	3	2	3	2	3	3	3	2	3	1611
														162 1622
1 422 4 850 8 865	699 2 331 4 026	1 227 4 805 8 391	567 2 223 3 796	3 2 1	3 3 1	2 2 1	3 3 1	3 3 1	4 3 1	5 3 2	4 3 2	4 3 1	3 3 2	1623 1629
														17
19 126	8 927	18 515	8 573	1	2	1	2	1	2	1	2	2	2	1711
5 191	2 001	4 219	1 633	4	4	5	5	4	4	4	5	4	5	1721
17 097	7 849	16 961	7 719	1	2	1	2	1	2	1	2	1	2	1731
														174
7 387 6 499 1 510	3 033 2 677 625	6 611 6 654 1 446	2 746 2 796 610	3 2 4	4 4 5	3 3 4	4 3 6	3 3 4	4 4 5	3 2 4	4 4 5	3 3 5	4 3 6	1741 1742 1743
7 280 1 834	2 827 720	6 521 1 762	2 624 654	3 5	4 6	4 5	5 6	3 5	4 6	3 5	4 6	3 5	5 6	175 1751 1752
8 054	3 404	7 526	3 114	3	4	3	4	3	4	3	4	3	4	1761
6 593	2 736	5 789	2 350	6	7	7	7	6	7	6	7	5	8	1771
469	202	430	194	4	3	8	4	5	3	4	3	4	3	1781
														179
2 473 1 173 4 516 640 2 310 7 045	1 021 542 2 153 300 1 051 2 858	2 238 1 240 4 324 510 2 314 7 119	967 528 1 967 209 1 069 2 797	4 6 4 (W) 1 4	4 7 5 5 3 5	4 5 5 (W) 1 4	4 7 5 6 3 5	5 6 5 (W) 1 4	5 8 5 6 3 5	4 7 4 (W) 1 4	4 8 5 11 3 5	4 8 4 (W) 1 5	4 8 5 (W) 1 10	1791 1793 1794 1795 1796 1799
706	313	660	313	7	10	5	7	9	10	9	13	7	13	6552

Table 11. Selected Industry Ratios for Establishments With Payroll in This State: 1987

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Industry	Average number of employees** per estab- lishment	Payroll per employee (\$1,000)	Construction worker hours per construction worker	Value of construction work per construction worker (\$1,000)	Average per dollar of value of construction work			
						Payroll, all employees	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Rental cost for machinery, equipment, and buildings
	Construction industries and land subdividers and developers -----	8.4	25.5	1 711.1	136.9	.239	.296	.231	.014
15, 16, 17	Construction Industries:								
15	Building construction—General contractors and operative builders:								
152	General contractors, residential buildings:								
1521	Single-family houses-----	4.4	18.5	1 572.9	134.5	.176	.372	.283	.011
1522	Other residential buildings-----	6.3	22.7	1 679.6	177.2	.167	.262	.430	.010
1531	Operative builders-----	8.8	30.8	1 662.8	696.1	.099	(D)	.356	.005
154	General contractors, nonresidential buildings:								
1541	Industrial buildings and warehouses-----	12.7	28.0	1 775.0	249.1	.157	.226	.477	.011
1542	Nonresidential buildings, n.e.c.-----	16.6	26.9	1 730.2	256.3	.142	.177	.555	.008
16	Heavy construction other than building construction—contractors:								
1611	Highway and street construction-----	19.9	28.2	1 777.0	142.2	.236	.334	.135	.034
162	Heavy construction, except highway:								
1622	Bridge, tunnel, and elevated highway construction-----	56.5	32.9	1 911.0	166.6	.244	.271	.191	.033
1623	Water, sewer, and utility lines-----	24.1	30.7	1 843.0	123.4	.299	.259	.112	.045
1629	Heavy construction, n.e.c.-----	28.3	33.5	1 838.1	105.9	.383	(D)	.101	.020
17	Special trade contractors:								
1711	Plumbing, heating, and air-conditioning-----	7.8	26.5	1 850.3	118.0	.291	.378	.100	.012
1721	Painting and paper hanging-----	4.1	19.5	1 529.3	62.9	.365	.219	.074	.014
1731	Electrical work-----	9.2	27.4	1 813.8	90.0	.377	.353	.028	.012
174	Masonry, stone work, tile setting, and plastering:								
1741	Masonry, stone setting, and other stonework-----	6.3	22.1	1 590.2	83.0	.303	.329	.082	.015
1742	Plastering, drywall, and insulation work-----	15.6	27.8	1 628.4	102.6	.324	.327	.095	.009
1743	Terrazzo, tile, marble, and mosaic work-----	7.2	21.1	1 668.9	83.5	.303	.360	.050	.008
175	Carpentry and floor work:								
1751	Carpentry-----	4.0	19.2	1 547.0	78.2	.287	.331	.131	.010
1752	Floor laying and other floor work-----	6.5	22.6	1 526.5	111.8	.251	.409	.108	.011
1761	Roofing, siding, and sheet metal work-----	7.5	22.5	1 627.7	99.6	.283	.357	.067	.014
1771	Concrete work-----	10.7	23.5	1 605.7	91.9	.295	.371	.073	.025
1781	Water well drilling-----	7.2	25.2	1 690.0	112.7	.287	.404	.029	.010
179	Miscellaneous special trade contractors:								
1791	Structural steel erection-----	16.7	28.4	1 638.8	97.6	.348	.217	.047	.034
1793	Glass and glazing work-----	9.0	28.7	1 795.6	134.6	.295	.475	.032	.013
1794	Excavation work-----	7.3	23.5	1 802.4	109.2	.254	.256	.092	.038
1795	Wrecking and demolition work-----	16.7	21.8	1 718.0	83.8	.311	.123	.059	.034
1796	Installing building equipment, n.e.c.-----	23.7	35.0	1 830.0	143.1	.319	.296	.071	.012
1799	Special trade contractors, n.e.c.-----	8.9	21.1	1 585.7	84.8	.311	.317	.109	.017
6552	Land subdividers and developers, n.e.c. -----	11.5	22.0	1 755.4	361.3	.225	.281	.527	.004

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	ALLENTOWN-BETHLEHEM, PA- NJ MSA											
	Construction industries and land subdividers and developers	1 937	12 957	271 514	1 179 021	955 432	574 887	409 184	223 590	25 641	2	2
15,16, 17	Construction industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	383	1 853	30 845	271 714	187 983	85 377	106 640	83 731	3 632	8	10
1522	Other residential buildings	19	248	5 269	22 466	13 592	8 502	(D)	8 874	91	28	25
1531	Operative builders	54	291	6 813	47 852	21 534	13 278	10 031	26 318	402	16	16
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	25	295	5 639	41 286	21 826	13 776	8 854	19 460	342	9	8
1542	Nonresidential buildings, n.e.c.	57	644	15 230	80 648	48 231	29 952	18 828	32 418	816	12	8
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	35	466	10 554	64 154	53 079	31 708	25 270	11 075	2 921	9	5
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	4	179	5 952	(D)	(D)	(D)	(D)	(D)	1 204	(W)	(D)
1623	Water, sewer, and utility lines	11	235	6 105	15 885	14 377	10 281	4 144	1 508	861	(W)	(W)
1629	Heavy construction, n.e.c.	7	56	1 304	4 389	4 218	3 087	(D)	171	(D)	(W)	(W)
17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning	222	1 504	34 305	125 352	117 807	65 829	54 487	7 546	2 343	6	7
1721	Painting and paper hanging	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1731	Electrical work	144	1 300	37 061	83 305	81 897	55 014	(D)	1 408	1 442	4	4
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework	124	525	8 495	27 428	25 362	16 388	8 992	*2 066	332	13	12
1742	Plastering, drywall, and insulation work	65	974	22 737	69 892	66 651	43 015	25 646	3 242	424	6	6
1743	Terrazzo, tile, marble, and mosaic work	19	71	1 853	4 803	4 688	2 978	(D)	115	-	9	7
175	Carpentry and floor work:											
1751	Carpentry	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1752	Floor laying and other floorwork....	41	151	2 483	12 724	11 241	6 098	(D)	1 483	78	17	16
1761	Roofing, siding, and sheet metal work	116	794	12 339	45 622	43 403	26 241	17 563	2 219	1 055	14	12
1771	Concrete work	81	662	12 216	48 547	47 995	24 206	24 219	*551	1 885	7	10
1781	Water well drilling	8	*47	*1 029	*5 049	(D)	*3 637	*1 406	(D)	(S)	44	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	14	609	14 673	50 575	(D)	28 782	15 568	(D)	452	(W)	(D)
1793	Glass and glazing work	4	10	(D)	696	(D)	438	457	(D)	(D)	(W)	(D)
1794	Excavation work	98	449	9 820	40 345	36 977	30 648	7 492	3 368	3 505	13	14
1795	Wrecking and demolition work	*3	*25	*503	*1 606	*1 577	*1 576	(D)	(S)	(D)	51	52
1796	Installing building equipment, n.e.c.	6	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(W)	(D)
1799	Special trade contractors, n.e.c.	58	335	6 578	25 396	22 517	12 853	9 821	*2 878	348	21	18
552	Land subdividers and developers, n.e.c.	8	57	1 048	3 925	2 934	(D)	358	991	(D)	(W)	(W)
	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ- CT CMSA											
	Construction industries and land subdividers and developers	42 066	386 766	10 285 662	41 965 365	32 203 048	21 564 684	11 639 884	9 762 317	552 103	(W)	(W)
15,16, 17	Construction Industries:											

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ- CT CMSA—Con.											
	Construction industries and land subdividers and developers—Con. Construction industries—Con.											
15,16, 17	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1522	Other residential buildings	835	6 739	154 460	986 923	494 016	334 551	206 044	492 907	5 112	4	5
1531	Operative builders	1 693	12 625	377 045	3 788 207	2 370 390	1 431 977	1 030 909	1 417 817	35 714	3	4
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	490	6 507	182 470	1 185 836	635 904	425 171	239 547	549 932	10 843	4	3
1542	Nonresidential buildings, n.e.c.	2 054	34 604	1 030 193	7 526 324	3 422 078	2 472 162	1 178 811	4 104 247	45 542	2	1
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	616	14 917	427 997	1 690 116	1 433 914	952 210	548 808	256 202	55 502	2	2
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	49	3 760	101 340	392 908	323 164	228 476	101 578	69 744	5 469	1	1
1623	Water, sewer, and utility lines	366	7 869	242 870	877 889	795 351	571 543	229 443	82 538	29 876	2	2
1629	Heavy construction, n.e.c.	629	15 139	496 144	1 647 877	1 354 892	1 095 074	373 466	292 985	29 308	1	1
17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning	5 754	50 233	1 364 942	4 736 709	4 227 316	2 577 913	1 693 883	509 393	58 216	1	1
1721	Painting and paper hanging	2 585	14 229	298 959	829 629	770 312	593 649	184 311	59 317	8 662	2	2
1731	Electrical work	4 487	53 631	1 700 670	4 384 125	4 283 157	2 947 607	1 362 916	100 969	39 718	1	1
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework	1 999	14 498	317 299	1 007 195	936 069	624 234	320 151	71 126	17 172	3	2
1742	Plastering, drywall, and insulation work	926	17 666	537 358	1 477 495	1 340 095	941 666	412 024	137 400	13 587	1	2
1743	Terrazzo, tile, marble, and mosaic work	535	3 582	77 230	232 993	223 815	144 186	81 874	9 178	3 687	4	4
175	Carpentry and floor work:											
1751	Carpentry	3 639	17 888	384 477	1 230 194	1 075 324	682 545	418 946	154 869	15 462	2	2
1752	Floor laying and other floorwork	666	4 885	116 423	433 453	395 276	238 308	166 346	38 176	5 005	7	5
1761	Roofing, siding, and sheet metal work	1 921	15 356	372 262	1 200 945	1 122 432	714 240	420 621	78 513	15 023	2	2
1771	Concrete work	1 157	12 311	318 188	1 114 597	1 020 158	647 533	380 986	94 439	20 321	2	2
1781	Water well drilling	100	884	23 310	72 808	70 389	42 993	28 942	2 419	2 667	4	4
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	306	5 372	164 606	461 025	437 406	321 792	121 465	23 619	4 170	2	2
1793	Glass and glazing work	366	3 166	83 515	290 471	278 442	153 382	131 211	12 029	2 739	4	3
1794	Excavation work	959	8 080	201 570	758 256	697 365	541 872	175 016	60 891	45 319	4	3
1795	Wrecking and demolition work	109	1 959	49 031	142 011	128 404	117 875	16 022	13 607	5 047	2	2
1796	Installing building equipment, n.e.c.	293	8 606	279 001	811 836	771 703	561 438	230 304	40 134	4 412	1	1
1799	Special trade contractors, n.e.c.	1 903	17 325	345 382	1 199 340	1 080 141	729 371	389 726	119 199	21 474	3	2
6552	Land subdividers and developers, n.e.c.	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	BERGEN-PASSAIC, NJ PMSA											
	Construction industries and land subdividers and developers	4 302	41 036	1 125 783	4 163 246	3 250 779	2 291 368	1 168 467	912 467	51 354	1	1
15,16, 17	Construction industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1522	Other residential buildings	76	420	8 404	47 973	29 358	16 913	12 944	18 616	145	20	21
1531	Operative builders	191	1 189	35 687	304 782	176 018	101 201	85 869	128 765	*2 412	13	12
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	69	799	23 642	243 982	110 120	58 239	(D)	133 862	2 468	10	6
1542	Nonresidential buildings, n.e.c.	146	3 154	85 488	591 763	250 670	189 525	(D)	341 093	3 731	3	3

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
15,16, 17 16	BERGEN-PASSAIC, NJ PMSA— Con.											
	Construction industries and land subdividers and developers—Con.											
	Construction Industries—Con.											
	Heavy construction other than building construction—contractors:											
	1611 Highway and street construction -----	63	1 552	47 189	192 147	166 555	113 338	54 174	25 592	5 350	5	3
	162 Heavy construction, except highway:											
	1622 Bridge, tunnel, and elevated highway construction-----	5	(D)	11 671	51 432	(D)	30 479	7 369	(D)	(D)	(D)	(D)
	1623 Water, sewer, and utility lines-----	24	564	15 280	57 551	52 584	35 360	17 367	4 967	2 620	8	6
	1629 Heavy construction, n.e.c.-----	53	6 460	229 108	431 342	395 853	460 633	(D)	35 489	2 460	(W)	1
	17 Special trade contractors:											
	1711 Plumbing, heating, and air- conditioning-----	636	4 795	132 910	432 696	403 374	234 065	173 443	29 323	6 437	3	3
	1721 Painting and paper hanging-----	238	984	17 985	53 663	48 425	37 407	11 580	5 238	741	11	9
	1731 Electrical work -----	471	3 008	80 797	223 892	220 321	141 954	78 945	3 571	3 196	4	5
	174 Masonry, stonework, tile setting, and plastering:											
	1741 Masonry, stone setting, and other stonework-----	269	1 842	41 755	126 236	119 616	76 835	42 852	6 619	2 563	6	5
	1742 Plastering, drywall, and insulation work-----	94	1 557	50 033	145 020	131 374	91 101	43 262	13 647	704	5	6
	1743 Terrazzo, tile, marble, and mosaic work-----	55	294	7 321	25 473	23 180	16 670	7 349	2 293	854	11	8
	175 Carpentry and floor work:											
	1751 Carpentry-----	392	1 536	32 395	110 309	97 736	62 297	36 116	12 573	1 652	7	7
	1752 Floor laying and other floorwork-----	67	849	19 793	93 031	80 602	44 404	37 455	*12 429	345	9	16
	1761 Roofing, siding, and sheet metal work-----	258	2 645	69 978	209 269	198 943	124 441	76 126	10 326	3 108	5	5
	1771 Concrete work -----	104	1 482	38 259	133 323	123 352	78 431	(D)	9 971	2 103	6	4
	1781 Water well drilling -----	7	37	692	2 451	2 425	1 396	1 053	26	*29	20	14
	179 Miscellaneous special trade contractors:											
	1791 Structural steel erection-----	15	328	10 902	32 253	30 067	24 205	(D)	2 186	54	3	6
	1793 Glass and glazing work-----	41	351	10 764	35 828	34 058	18 927	15 216	1 769	365	7	6
	1794 Excavation work-----	82	626	17 730	69 761	64 694	47 818	17 697	5 067	2 527	10	5
	1795 Wrecking and demolition work-----	8	296	6 462	19 047	18 111	15 590	2 521	936	(D)	(W)	(W)
	1796 Installing building equipment, n.e.c.-----	32	802	25 460	90 763	86 397	63 248	24 344	4 366	360	(W)	(W)
	1799 Special trade contractors, n.e.c.-----	211	1 973	47 935	134 613	125 415	89 888	41 280	9 198	2 284	7	5
6552	Land subdividers and developers, n.e.c.-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
15,16, 17	BRIDGEPORT-MILFORD, CT PMSA											
	Construction industries and land subdividers and developers-----	1 256	9 759	243 370	1 063 932	787 962	515 240	285 819	275 970	18 973	2	2
	(See appropriate State for SIC detail.)											
	DANBURY, CT PMSA											
	Construction industries and land subdividers and developers-----	760	5 084	131 223	552 023	431 769	268 612	176 932	120 254	14 192	3	4
	(See appropriate State for SIC detail.)											
	JERSEY CITY, NJ PMSA											
	Construction industries and land subdividers and developers-----	821	8 665	240 569	828 967	689 819	465 603	241 146	139 149	8 084	2	2
	Construction Industries:											
	Building construction—General contractors and operative builders:											
	152 General contractors, residential buildings:											
	1521 Single-family houses-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	1522 Other residential buildings-----	53	322	7 094	32 655	21 496	12 094	(D)	11 159	*126	26	36
	1531 Operative builders-----	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	154 General contractors, nonresidential buildings:											
	1541 Industrial buildings and warehouses-----	14	291	7 685	35 782	18 882	12 806	6 423	16 900	311	29	19
	1542 Nonresidential buildings, n.e.c.-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	JERSEY CITY, NJ PMSA—Con.											
	Construction Industries and land subdividers and developers—Con.											
15,16, 17 16	Construction Industries—Con.											
	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	7	(D)	(D)	(D)	(D)	32 603	16 229	(D)	897	(D)	(D)
162 1622	Heavy construction, except highway: Bridge, tunnel, and elevated											
1623	highway construction-----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1629	Water, sewer, and utility lines-----	3	75	2 495	6 325	(D)	4 271	(D)	(D)	(D)	(W)	(D)
	Heavy construction, n.e.c.-----	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning-----	124	1 082	28 415	105 245	99 246	62 566	36 868	5 998	548	4	4
1721	Painting and paper hanging-----	47	303	6 406	13 965	13 751	10 970	3 101	214	51	5	9
1731	Electrical work-----	114	841	20 638	58 445	56 037	36 060	(D)	2 408	1 616	8	5
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework-----	45	182	3 310	12 209	11 452	7 056	(D)	*757	*203	17	21
1742	Plastering, drywall, and insulation work-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1743	Terrazzo, tile, marble, and mosaic work-----	*3	4	*48	*514	*498	*333	*165	16	-	35	58
175 1751 1752	Carpentry and floor work: Carpentry-----	79	250	5 613	24 973	24 103	16 357	(D)	870	45	12	7
	Floor laying and other floorwork-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1761	Roofing, siding, and sheet metal work-----	48	338	5 613	26 569	25 940	*21 111	4 863	*629	*510	24	40
1771	Concrete work-----	5	40	952	3 253	2 962	2 201	761	(S)	131	14	29
1781	Water well drilling-----	-	-	-	-	-	-	-	-	-	-	-
179	Miscellaneous special trade contractors:											
1791	Structural steel erection-----	9	104	2 239	8 075	(D)	5 016	2 934	(D)	63	(W)	(D)
1793	Glass and glazing work-----	11	78	2 282	8 004	(D)	4 970	3 306	(D)	(D)	19	(D)
1794	Excavation work-----	7	64	2 217	6 040	(D)	5 409	(D)	(D)	(D)	2	(D)
1795	Wrecking and demolition work-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1796	Installing building equipment, n.e.c.-----	6	555	22 073	(D)	(D)	49 276	(D)	(D)	(D)	(W)	(D)
1799	Special trade contractors, n.e.c.-----	46	938	29 326	92 083	(D)	53 533	22 640	(D)	(D)	5	(D)
6552	Land subdividers and developers, n.e.c.-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	MIDDLESEX-SOMERSET- HUNTERDON, NJ PMSA											
	Construction Industries and land subdividers and developers-----	3 081	27 192	718 832	3 052 498	2 348 234	1 594 009	894 559	704 264	49 794	1	2
15,16, 17	Construction Industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses-----	489	2 993	66 271	401 225	264 900	192 176	(D)	136 325	3 292	8	7
1522	Other residential buildings-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1531	Operative builders-----	146	631	23 667	248 039	174 244	105 633	71 956	73 795	*4 266	10	21
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses-----	55	522	17 818	129 883	65 111	46 196	21 754	64 772	751	13	21
1542	Nonresidential buildings, n.e.c.-----	129	2 093	61 280	414 064	175 077	130 795	50 106	238 987	3 464	5	4
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction-----	54	1 276	40 250	160 600	141 955	93 505	54 861	18 645	6 681	4	4
162 1622	Heavy construction, except highway: Bridge, tunnel, and elevated											
1623	highway construction-----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1629	Water, sewer, and utility lines-----	26	635	19 560	74 889	67 864	47 393	(D)	7 025	1 507	1	(W)
	Heavy construction, n.e.c.-----	51	801	26 130	93 261	80 592	52 078	30 192	12 669	4 872	4	3

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
15,16, 17 17	MIDDLESEX-SOMERSET- HUNTERDON, NJ PMSA—Con.											
	Construction Industries and land subdividers and developers—Con.											
	Construction Industries—Con.											
	Special trade contractors:											
	1711 Plumbing, heating, and air- conditioning-----	438	4 018	108 441	357 283	320 048	199 241	123 116	37 236	5 473	3	3
	1721 Painting and paper hanging-----	149	807	19 420	45 830	43 245	36 797	(D)	2 585	*560	8	7
	1731 Electrical work -----	308	3 805	94 128	240 231	232 321	169 481	63 522	7 910	2 570	3	3
	174 Masonry, stonework, tile setting, and plastering:											
	1741 Masonry, stone setting, and other stonework-----	164	1 324	31 771	117 451	102 115	60 387	42 590	15 336	2 511	6	5
	1742 Plastering, drywall, and insulation work-----	78	1 560	46 499	147 167	134 462	94 360	40 308	12 705	1 549	4	6
	1743 Terrazzo, tile, marble, and mosaic work-----	32	463	9 813	36 742	35 798	21 113	(D)	944	(S)	2	4
	175 Carpentry and floor work:											
	1751 Carpentry-----	299	1 135	20 767	71 034	60 986	36 977	24 791	10 047	770	8	9
	1752 Floor laying and other floorwork-----	38	111	2 528	12 852	11 649	5 465	6 872	1 203	158	11	9
	1761 Roofing, siding, and sheet metal work-----	140	828	17 565	72 786	64 966	37 090	28 032	7 820	761	8	9
	1771 Concrete work -----	70	608	16 789	44 906	40 724	26 713	15 555	4 181	1 466	10	11
	1781 Water well drilling -----	11	118	3 187	13 423	13 182	7 579	(D)	241	522	6	4
	179 Miscellaneous special trade contractors:											
	1791 Structural steel erection-----	24	302	12 075	36 554	(D)	27 364	7 116	(D)	198	9	(D)
	1793 Glass and glazing work-----	27	185	4 843	17 795	17 644	10 323	7 839	151	207	9	8
	1794 Excavation work-----	117	905	23 786	85 698	80 314	66 306	17 205	5 384	4 700	6	6
	1795 Wrecking and demolition work-----	4	(D)	(D)	(D)	2 681	(D)	291	(D)	(D)	(D)	(W)
	1796 Installing building equipment, n.e.c.-----	23	700	24 506	83 036	(D)	44 558	29 332	(D)	1 031	4	(D)
	1799 Special trade contractors, n.e.c.-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	6552 Land subdividers and developers, n.e.c.-----	26	139	3 837	*34 046	*19 617	*13 540	*7 247	*14 429	(D)	33	51
	MONMOUTH-OCEAN, NJ PMSA											
	Construction Industries and land subdividers and developers-----	3 305	21 653	503 649	2 568 111	1 916 873	1 241 390	755 399	651 239	51 587	2	2
	Construction Industries:											
	Building construction—General contractors and operative builders:											
	152 General contractors, residential buildings:											
	1521 Single-family houses-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	1522 Other residential buildings-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	1531 Operative builders-----	216	2 327	73 691	784 408	483 124	340 569	158 387	301 284	7 531	4	5
	154 General contractors, nonresidential buildings:											
	1541 Industrial buildings and warehouses-----	38	217	5 095	19 947	14 322	10 340	(D)	5 625	439	23	21
	1542 Nonresidential buildings, n.e.c.-----	112	1 421	35 851	229 575	91 349	67 175	43 082	138 226	2 460	6	6
	16 Heavy construction other than building construction—contractors:											
	1611 Highway and street construction-----	48	998	22 054	95 139	83 062	49 573	36 380	12 077	6 756	10	10
	162 Heavy construction, except highway: Bridge, tunnel, and elevated highway construction-----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	1622 Water, sewer, and utility lines-----	40	947	31 655	115 809	101 610	75 224	26 547	14 200	5 633	5	2
	1629 Heavy construction, n.e.c.-----	86	502	11 222	37 420	35 993	22 944	13 531	1 427	2 665	14	13

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
											B	E
	MONMOUTH-OCEAN, NJ PMSA —Con.											
	Construction Industries and land subdividers and developers—Con.											
15,16, 17	Construction Industries—Con.											
	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning	456	2 803	68 458	266 183	241 421	133 432	114 440	24 762	3 070	4	4
1721	Painting and paper hanging	146	411	6 756	24 545	20 082	14 344	5 923	*4 463	*480	16	20
1731	Electrical work	306	2 201	50 562	133 802	131 586	83 211	52 374	2 216	1 403	6	4
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework	218	1 218	25 281	112 484	95 767	58 737	37 159	*16 717	2 677	7	10
1742	Plastering, drywall, and insulation work	57	734	20 910	71 916	61 943	35 570	26 699	*9 973	1 311	7	12
1743	Terrazzo, tile, marble, and mosaic work	37	138	2 593	9 440	8 368	5 413	(D)	1 072	133	34	26
175	Carpentry and floor work:											
1751	Carpentry	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1752	Floor laying and other floorwork	61	345	7 854	30 751	26 806	17 577	13 086	3 945	*956	19	20
1761	Roofing, siding, and sheet metal work	157	829	14 736	55 476	51 781	31 643	(D)	3 694	792	11	10
1771	Concrete work	86	711	13 656	63 397	57 729	33 949	(D)	5 668	3 780	14	8
1781	Water well drilling	13	70	1 703	6 805	6 457	3 617	2 840	*348	*272	26	29
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1793	Glass and glazing work	28	156	3 724	11 498	11 088	6 274	5 733	(S)	(S)	19	21
1794	Excavation work	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1795	Wrecking and demolition work	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1796	Installing building equipment, n.e.c.	14	58	1 167	6 119	5 627	4 064	1 763	492	(D)	(W)	(W)
1799	Special trade contractors, n.e.c.	125	837	14 045	54 313	48 289	30 311	23 983	*6 024	905	20	20
6552	Land subdividers and developers, n.e.c.	28	*189	*4 251	21 209	12 960	*9 294	3 929	8 250	*293	47	37
	NASSAU-SUFFOLK, NY PMSA											
	Construction Industries and land subdividers and developers	8 478	61 366	1 473 591	6 192 526	4 843 115	3 069 702	1 869 299	1 349 411	98 258	1	1
	(See appropriate State for SIC detail.)											
	NEW YORK, NY PMSA											
	Construction Industries and land subdividers and developers	12 684	152 416	4 316 477	16 673 943	12 731 212	8 794 287	4 262 547	3 942 731	157 631	1	1
	(See appropriate State for SIC detail.)											
	NEWARK, NJ PMSA											
	Construction Industries and land subdividers and developers	5 246	42 725	1 108 251	4 893 478	3 758 633	2 385 100	1 440 868	1 134 845	66 535	1	2
15,16, 17	Construction Industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	871	3 598	67 469	384 206	280 173	150 462	132 484	104 033	6 120	6	7
1522	Other residential buildings	77	458	10 248	65 735	30 914	17 663	14 408	*34 821	*535	22	19
1531	Operative builders	240	2 537	72 986	790 129	564 528	338 674	246 063	225 600	6 536	5	10
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	56	1 012	30 127	139 524	92 924	64 478	28 752	46 600	*1 876	7	5
1542	Nonresidential buildings, n.e.c.	252	4 281	120 033	920 542	423 707	294 001	142 570	496 834	2 931	5	3
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	106	1 055	27 010	124 000	110 942	64 323	47 150	13 058	5 221	7	7
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	*6	156	7 143	(D)	(D)	17 364	(D)	(D)	(D)	9	(D)
1623	Water, sewer, and utility lines	64	1 538	50 634	186 641	162 463	117 125	45 688	24 178	5 008	5	4
1629	Heavy construction, n.e.c.	60	644	21 234	106 694	90 396	54 296	36 838	16 297	2 973	8	7

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
15,16, 17	NEWARK, NJ PMSA—Con.											
	Construction Industries and land subdividers and developers—Con.											
	Construction Industries—Con.											
	Special trade contractors:											
	1711 Plumbing, heating, and air- conditioning-----	684	5 502	148 050	511 298	460 366	271 785	192 137	50 932	8 174	3	2
	1721 Painting and paper hanging-----	336	1 528	31 189	83 925	79 257	60 158	19 642	4 668	840	7	6
	1731 Electrical work-----	538	6 273	203 709	514 703	496 939	315 286	184 110	17 764	4 854	2	1
	174 Masonry, stonework, tile setting, and plastering:											
	1741 Masonry, stone setting, and other stonework-----	292	1 555	33 493	94 940	90 908	66 603	(D)	4 032	1 894	5	6
	1742 Plastering, drywall, and insulation work-----	81	1 032	28 752	91 265	82 039	53 330	(D)	9 226	1 254	7	6
	1743 Terrazzo, tile, marble, and mosaic work-----	73	595	9 839	29 086	27 679	16 792	10 972	*1 407	*261	8	17
	175 Carpentry and floor work:											
	1751 Carpentry-----	476	2 207	44 287	160 853	135 360	86 729	52 905	25 493	2 242	7	7
	1752 Floor laying and other floorwork-----	68	525	13 498	33 967	32 985	22 143	11 652	982	*939	10	9
	1761 Roofing, siding, and sheet metal work-----	277	1 761	37 180	126 786	116 612	69 984	47 535	10 173	1 532	7	6
	1771 Concrete work-----	134	1 246	34 637	103 125	97 520	60 030	38 009	5 605	2 623	6	6
	1781 Water well drilling-----	9	133	4 166	(D)	(D)	5 813	3 401	(D)	(D)	3	(D)
	179 Miscellaneous special trade contractors:											
	1791 Structural steel erection-----	33	382	9 095	31 501	29 393	19 040	(D)	2 108	546	12	15
	1793 Glass and glazing work-----	51	532	14 589	52 727	50 736	23 154	28 927	1 991	629	15	6
	1794 Excavation work-----	178	1 219	25 214	92 038	84 478	61 925	23 808	7 561	3 767	9	8
	1795 Wrecking and demolition work-----	10	134	3 018	9 442	9 107	7 943	(D)	335	79	(W)	(W)
	1796 Installing building equipment, n.e.c.-----	32	549	18 248	58 004	54 345	32 623	21 806	3 659	274	5	5
	1799 Special trade contractors, n.e.c.-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
6552	Land subdividers and developers, n.e.c.-----	51	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	NORWALK, CT PMSA											
	Construction Industries and land subdividers and developers-----	495	3 776	98 923	463 618	307 753	184 685	128 055	155 865	7 478	4	6
	(See appropriate State for SIC detail.)											
	ORANGE COUNTY, NY PMSA											
	Construction Industries and land subdividers and developers-----	961	5 748	116 407	478 787	403 458	263 789	150 886	75 330	11 311	3	4
	(See appropriate State for SIC detail.)											
	STAMFORD, CT PMSA											
	Construction Industries and land subdividers and developers-----	677	7 347	208 589	1 034 236	733 443	490 899	265 910	300 793	16 905	2	2
	(See appropriate State for SIC detail.)											
	PHILADELPHIA-WILMINGTON- TRENTON, PA-NJ-DE-MD CMSA											
15,16, 17	Construction Industries and land subdividers and developers-----	12 802	132 471	3 207 777	13 043 124	9 732 116	6 288 303	3 783 122	3 311 008	240 638	1	1
	Construction Industries:											
	Building construction—General contractors and operative builders:											
	152 General contractors, residential buildings:											
	1521 Single-family houses-----	2 082	9 940	173 152	1 051 393	721 744	407 479	334 092	329 649	13 324	4	5
	1522 Other residential buildings-----	228	1 631	29 263	190 891	100 981	67 741	43 730	89 910	1 804	10	10
	1531 Operative builders-----	341	4 207	107 173	1 130 234	582 370	300 916	302 206	547 864	16 289	4	5
	154 General contractors, nonresidential buildings:											
	1541 Industrial buildings and warehouses-----	168	2 578	63 437	412 122	226 178	137 310	99 998	185 944	2 938	5	5
	1542 Nonresidential buildings, n.e.c.-----	687	11 284	306 640	2 284 043	962 137	702 396	372 699	1 321 906	13 890	3	3

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	PHILADELPHIA-WILMINGTON- TRENTON, PA-NJ-DE-MD CMSA—Con.											
	Construction industries and land subdividers and developers—Con.											
15,16, 17 16	Construction industries—Con. Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	212	5 692	152 809	685 197	552 328	348 651	227 758	132 869	37 203	4	4
162 1622	Heavy construction, except highway: Bridge, tunnel, and elevated highway construction-----	21	997	32 566	170 603	123 738	84 645	(D)	46 865	2 805	2	1
1623	Water, sewer, and utility lines -----	122	6 189	161 847	437 905	393 011	297 960	(D)	44 894	26 467	2	1
1629	Heavy construction, n.e.c. -----	203	9 557	323 618	745 718	624 776	410 704	220 234	120 942	15 885	1	2
17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning-----	1 729	16 142	425 776	1 403 246	1 253 847	754 345	520 208	149 399	23 256	1	1
1721	Painting and paper hanging-----	734	4 531	92 084	236 952	223 656	178 325	47 418	13 296	3 786	3	3
1731	Electrical work -----	1 212	12 020	330 524	896 389	867 406	543 517	337 961	28 983	10 438	2	1
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework-----	597	5 667	119 254	335 410	316 966	210 495	107 078	18 444	6 129	4	3
1742	Plastering, drywall, and insulation work-----	317	5 891	143 653	418 298	387 236	238 201	153 476	31 062	4 315	4	3
1743	Terrazzo, tile, marble, and mosaic work-----	106	620	13 091	45 767	44 838	27 264	17 832	930	767	6	4
175	Carpentry and floor work:											
1751	Carpentry-----	1 044	4 991	90 258	317 539	267 875	169 084	104 269	49 664	3 307	4	5
1752	Floor laying and other floorwork-----	270	1 555	29 225	112 293	104 101	60 491	48 051	8 192	971	8	7
1761	Roofing, siding, and sheet metal work-----	839	6 637	129 563	492 062	454 278	281 995	176 886	37 784	7 537	4	5
1771	Concrete work -----	573	6 612	124 838	452 752	417 815	253 483	168 328	34 937	13 861	5	4
1781	Water well drilling -----	56	364	7 786	30 160	29 202	18 464	11 272	958	1 163	11	13
179	Miscellaneous special trade contractors:											
1791	Structural steel erection-----	103	3 362	63 999	188 472	180 713	145 049	45 162	7 759	3 843	3	4
1793	Glass and glazing work-----	75	829	22 041	73 521	68 412	38 760	34 864	5 109	1 478	10	6
1794	Excavation work-----	373	3 600	79 974	326 209	294 906	210 727	89 597	31 303	17 494	5	4
1795	Wrecking and demolition work-----	28	786	12 012	37 718	35 585	35 921	6 124	2 133	1 836	2	2
1796	Installing building equipment, n.e.c.-----	81	1 977	70 193	170 963	166 702	127 040	40 929	4 261	1 406	3	3
1799	Special trade contractors, n.e.c.-----	528	4 531	96 840	363 608	310 577	215 471	107 882	53 032	7 414	5	4
6552	Land subdividers and developers, n.e.c.-----	73	281	6 163	33 659	20 739	21 872	4 719	12 920	1 033	21	31
	PHILADELPHIA, PA-NJ PMSA											
	Construction industries and land subdividers and developers-----	10 366	108 952	2 685 354	10 782 241	8 120 392	5 230 625	3 108 282	2 661 850	192 990	1	1
15,16, 17	Construction Industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses-----	1 604	7 573	134 868	826 324	558 445	320 135	256 383	267 879	11 295	4	5
1522	Other residential buildings-----	194	1 245	21 859	146 192	80 588	50 928	34 954	65 604	1 100	12	11
1531	Operative builders-----	255	3 367	87 490	960 530	494 199	263 486	246 656	466 331	12 288	4	6
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses-----	127	2 137	54 152	357 559	197 153	122 716	84 724	160 406	2 309	5	5
1542	Nonresidential buildings, n.e.c.-----	614	9 396	253 544	1 824 960	802 375	552 225	288 663	1 022 585	12 268	3	3
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	156	3 909	112 590	501 013	413 344	271 482	157 426	87 669	30 014	6	6
162 1622	Heavy construction, except highway: Bridge, tunnel, and elevated highway construction-----	17	949	31 186	165 097	120 104	82 649	(D)	44 993	2 793	(W)	(W)
1623	Water, sewer, and utility lines -----	102	5 110	139 099	367 624	338 540	254 889	(D)	29 084	20 188	2	2
1629	Heavy construction, n.e.c. -----	158	8 612	288 855	666 114	549 873	355 937	198 507	116 241	14 358	1	2

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	PHILADELPHIA, PA-NJ PMSA— Con.											
	Construction industries and land subdividers and developers—Con.											
15,16, 17 17	Construction industries—Con.											
	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning	1 426	13 173	354 702	1 170 725	1 050 239	632 762	432 629	120 487	16 517	2	2
1721	Painting and paper hanging	587	3 802	78 376	202 224	190 229	150 892	41 014	11 994	3 340	4	3
1731	Electrical work	986	9 868	278 273	741 544	716 068	446 978	282 416	25 476	9 160	2	1
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework	463	4 429	96 552	272 846	257 896	171 333	87 106	14 950	4 524	3	3
1742	Plastering, drywall, and insulation work	252	5 044	125 333	368 203	342 201	208 975	136 737	26 002	3 383	4	3
1743	Terrazzo, tile, marble, and mosaic work	85	528	10 413	38 123	37 481	22 791	14 948	641	551	6	4
175	Carpentry and floor work:											
1751	Carpentry	866	4 311	79 662	282 159	238 433	149 969	92 687	43 726	2 963	4	5
1752	Floor laying and other floorwork.....	227	1 385	26 080	101 737	94 034	54 475	43 548	7 703	823	9	7
1761	Roofing, siding, and sheet metal work	705	5 538	106 346	411 676	378 497	234 922	147 890	33 180	6 057	4	5
1771	Concrete work	488	5 593	103 166	370 008	346 442	209 421	140 493	23 565	10 763	6	4
1781	Water well drilling	37	271	5 968	22 143	21 242	13 086	8 437	901	925	8	7
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	75	2 827	53 252	150 162	143 798	122 434	30 582	6 364	3 239	3	4
1793	Glass and glazing work	69	755	20 258	67 779	62 739	35 429	32 199	5 040	1 415	11	7
1794	Excavation work	295	2 596	61 279	249 904	222 840	160 972	65 991	27 063	12 736	5	5
1795	Wrecking and demolition work	22	728	10 976	34 080	32 137	32 796	5 666	1 943	1 704	2	2
1796	Installing building equipment, n.e.c.	69	1 669	60 598	145 724	142 158	107 545	35 468	3 566	1 249	3	4
1799	Special trade contractors, n.e.c.	444	4 020	87 850	329 603	283 819	195 797	98 613	45 785	6 851	6	4
6552	Land subdividers and developers, n.e.c.	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	TRENTON, NJ PMSA											
	Construction industries and land subdividers and developers	712	5 099	122 896	647 303	397 091	289 028	185 361	250 211	7 917	3	4
15,16, 17	Construction industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1522	Other residential buildings	7	43	1 563	*9 082	*7 388	*5 085	*2 322	*1 694	17	30	51
1531	Operative builders	19	193	5 710	(D)	(D)	(D)	17 422	16 274	*798	15	(D)
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1542	Nonresidential buildings, n.e.c.	16	755	26 178	283 803	89 956	104 131	(D)	193 847	858	1	(W)
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	9	100	(D)	10 559	(D)	(D)	4 577	(D)	*450	25	(D)
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1623	Water, sewer, and utility lines	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1629	Heavy construction, n.e.c.	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	TRENTON, NJ PMSA—Con.											
	Construction industries and land subdividers and developers—Con. Construction industries—Con.											
15,16, 17 17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning	83	542	15 236	40 897	37 883	22 751	15 352	3 014	1 073	10	9
1721	Painting and paper hanging	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1731	Electrical work	81	509	11 556	36 571	35 551	24 707	(D)	1 020	169	11	9
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1742	Plastering, drywall, and insulation work	*15	195	5 163	16 385	(D)	7 936	(D)	(D)	(D)	19	(D)
1743	Terrazzo, tile, marble, and mosaic work	8	*26	*909	*2 361	*2 138	*1 305	*833	*222	(S)	60	57
175	Carpentry and floor work:											
1751	Carpentry	55	165	3 471	8 694	6 811	4 078	(D)	1 883	(S)	15	7
1752	Floor laying and other floorwork	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1761	Roofing, siding, and sheet metal work	36	337	7 790	26 650	25 235	13 826	(D)	1 415	*532	18	14
1771	Concrete work	22	77	1 182	4 207	4 062	2 747	1 315	*145	254	25	29
1781	Water well drilling	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1793	Glass and glazing work	3	36	781	(D)	(D)	(D)	(D)	(D)	(D)	(W)	(D)
1794	Excavation work	30	*265	3 054	*14 353	(D)	*8 608	(D)	(D)	581	42	(D)
1795	Wrecking and demolition work	3	33	(D)	(D)	(D)	2 532	288	(D)	-	(W)	(D)
1796	Installing building equipment, n.e.c.	7	171	5 481	(D)	(D)	10 473	1 948	(D)	(D)	(W)	(D)
1799	Special trade contractors, n.e.c.	26	187	3 353	(D)	10 640	8 012	(D)	(D)	(D)	21	24
6552	Land subdividers and developers, n.e.c.	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	VINELAND-MILLVILLE- BRIDGETON, NJ PMSA											
	Construction industries and land subdividers and developers	376	2 586	56 324	227 641	176 164	114 152	65 658	51 477	4 685	3	3
15,16, 17	Construction industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	60	236	3 421	20 609	14 584	8 143	6 456	6 025	397	16	18
1522	Other residential buildings	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1531	Operative builders	(S)	(S)	(S)	(D)	(D)	(D)	(S)	(S)	(S)	(S)	(D)
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	*5	54	2 043	22 583	(D)	3 372	(D)	(D)	(D)	20	(D)
1542	Nonresidential buildings, n.e.c.	*15	251	6 185	30 753	16 165	10 199	(D)	14 588	146	14	6
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	8	197	(D)	20 834	(D)	(D)	5 863	(D)	743	1	(D)
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	-	-	-	-	-	-	-	-	-	-	-
1623	Water, sewer, and utility lines	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1629	Heavy construction, n.e.c.	15	81	1 375	7 833	(D)	5 096	1 417	(D)	(D)	36	(D)

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added‡	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	VINELAND-MILLVILLE- BRIDGETON, NJ PMSA—Con.											
	Construction industries and land subdividers and developers—Con. Construction industries—Con.											
15,16, 17 17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning-----	61	476	11 670	38 117	32 108	18 753	15 275	6 009	1 112	5	6
1721	Painting and paper hanging-----	18	53	616	(D)	(D)	1 302	301	(D)	(D)	9	(D)
1731	Electrical work -----	37	341	9 175	24 646	24 408	15 525	8 963	238	176	14	6
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework -----	*14	213	4 987	11 104	(D)	8 453	*2 580	(D)	(D)	27	(D)
1742	Plastering, drywall, and insulation work -----	8	44	874	1 834	(D)	1 358	458	(D)	(D)	(W)	(D)
1743	Terrazzo, tile, marble, and mosaic work -----	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
175	Carpentry and floor work:											
1751	Carpentry -----	38	*132	*1 311	5 881	4 915	3 253	(D)	*966	11	45	36
1752	Floor laying and other floorwork-----	4	12	140	1 158	1 124	690	(D)	*34	(D)	24	33
1761	Roofing, siding, and sheet metal work -----	29	133	2 570	10 394	10 141	6 271	3 870	*253	132	17	18
1771	Concrete work -----	6	36	788	3 426	3 198	1 773	(D)	228	(D)	5	5
1781	Water well drilling -----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1793	Glass and glazing work -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1794	Excavation work -----	*17	87	1 701	7 163	(D)	5 067	1 812	(D)	397	35	(D)
1795	Wrecking and demolition work -----	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1796	Installing building equipment, n.e.c.-----	-	-	-	-	-	-	-	-	-	-	-
1799	Special trade contractors, n.e.c.-----	*12	*33	*273	*1 100	(D)	*794	*284	(D)	(D)	73	(D)
6552	Land subdividers and developers, n.e.c. -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	WILMINGTON, DE-NJ-MD PMSA											
	Construction industries and land subdividers and developers-----	1 348	15 834	343 204	1 385 939	1 038 468	654 498	423 821	347 470	35 046	2	2
15,16, 17	Construction industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	287	1 565	24 855	150 026	104 697	59 287	46 631	45 329	1 350	10	11
1522	Other residential buildings -----	27	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1531	Operative builders -----	59	634	13 767	117 897	55 606	22 548	37 699	62 291	3 204	15	14
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses-----	20	300	5 801	26 264	17 720	9 356	(D)	8 544	(D)	11	4
1542	Nonresidential buildings, n.e.c.-----	42	883	20 732	144 526	53 640	35 841	23 110	90 886	618	8	4
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	39	1 486	32 934	152 791	110 855	58 492	59 892	41 936	5 996	4	3
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction-----	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1623	Water, sewer, and utility lines -----	12	853	16 168	48 091	38 031	28 895	(D)	10 060	5 330	(W)	(W)
1629	Heavy construction, n.e.c.-----	24	823	32 799	68 549	65 526	47 516	19 279	3 024	1 094	3	2

Table 12. **Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.**

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added‡	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	WILMINGTON, DE-NJ-MD PMSA —Con.											
	Construction industries and land subdividers and developers—Con. Construction industries—Con.											
15,16, 17 17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning -----	158	1 951	44 169	153 508	133 618	80 079	56 952	19 890	4 555	4	3
1721	Painting and paper hanging -----	72	486	10 485	(D)	(D)	20 833	(D)	(D)	(D)	6	(D)
1731	Electrical work -----	109	1 302	31 520	93 629	91 379	56 308	(D)	2 250	933	3	3
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework -----	89	916	15 643	46 838	43 781	28 422	(D)	3 057	1 012	12	12
1742	Plastering, drywall, and insulation work -----	42	609	12 283	31 875	30 312	19 932	(D)	1 563	657	11	10
1743	Terrazzo, tile, marble, and mosaic work -----	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
175 1751 1752	Carpentry and floor work: Carpentry ----- Floor laying and other floorwork -----	84 *18	384 91	5 814 1 937	20 805 5 257	17 716 5 109	11 784 3 341	6 717 *1 790	3 089 148	131 (S)	13 12	11 14
1761	Roofing, siding, and sheet metal work -----	69	628	12 857	43 342	40 405	26 976	(D)	*2 937	815	11	15
1771	Concrete work -----	57	907	19 702	75 112	64 113	39 542	(D)	10 999	2 804	9	8
1781	Water well drilling -----	*14	*63	*1 107	*5 612	(D)	*3 852	*1 923	(D)	75	54	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	16	355	7 608	25 309	24 889	17 133	(D)	420	541	8	3
1793	Glass and glazing work -----	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1794	Excavation work -----	31	652	13 940	54 789	51 776	36 080	(D)	3 013	3 780	2	3
1795	Wrecking and demolition work -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1796	Installing building equipment, n.e.c. -----	5	137	4 114	(D)	(D)	9 022	3 513	(D)	14	(W)	(D)
1799	Special trade contractors, n.e.c. -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
6552	Land subdividers and developers, n.e.c. -----	*17	*88	1 146	*18 807	*9 995	*12 244	*2 010	*8 812	(S)	60	60

CONTENTS

New York

[Page numbers listed here omit the prefix that appears as part of the number of each page]

	Page
Summary of Findings.....	2

FIGURES

1. Selected Costs Per Dollar Value of Business Done.....	3
2. Value of Construction Work by Type of Construction	3

TABLES

Statistics for Establishments With and Without Payroll

1. Summary Statistics: 1987 and 1982	4
2. Summary Statistics by Size Class of Dollar Value of Business Done: 1987 and 1982.....	5

Statistics for Establishments With Payroll

3. General Statistics by Industry: 1987 and 1982	6
4. Detailed Statistics: 1987 and Earlier Census Years	8
5. Assets, Capital Expenditures, and Depreciation: 1987 and 1982.....	9
6. Value of Inventories: 1987 and 1986	9
7. Selected Statistics by Employment Size Class: 1987 and 1982	10
8. Selected Statistics by Size Class of Dollar Value of Business Done: 1987 and 1982	10
9. Value of Construction Work by Type of Construction: 1987 and 1982.....	11
10. Quarterly Construction Worker Hours and Employment by Industry: 1987	12
11. Selected Industry Ratios in This State: 1987	14
12. Selected Statistics for Selected Metropolitan Statistical Areas: 1987.....	15

SUMMARY OF FINDINGS

This report provides results from the 1987 Census of Construction Industries for New York. The report includes data for construction establishments with payroll and shows limited data for establishments with no payroll (nonemployers). (Establishments with no payroll are, for the most part, companies owned and operated by a single person.)

Establishments covered in this report were primarily engaged in contract construction, construction on their own account for sale, or in subdividing real property into lots, as defined in the 1987 Standard Industrial Classification (SIC) Manual. The SIC Manual defines construction in three broad types: (1) building construction by general contractors or operative builders; (2) heavy construction (highways, power plants, etc.) done by general contractors and selected special trade contractors; and, (3) construction done by special trade contractors such as electricians, plumbers and painters. In addition, this census also includes one industry classified under "Real Estate" in the Manual, SIC 6552, Land Subdividers and Developers, Except Cemeteries.

During 1987, there were 104,913 establishments in this State operating in the construction industries or as land subdividers and developers. These establishments accounted for \$39.0 billion in total value of business done.

Most of the 104,913 construction establishments were small. Of the total, 68,036 were nonemployers, and over half of the employer establishments had less than 5 employees. The 14,985 construction establishments with 5 employees or more, while representing only 14 percent of all establishments, accounted for more than 79 percent of the total value of business done.

ESTABLISHMENTS WITH PAYROLL

During 1987, the establishments with paid employees accounted for \$34.7 billion on total dollar value of business done. Of this amount, \$33.6 billion were for the value of construction work. Their payments for construction work subcontracted to others amounted to \$7.6 billion, leaving net value of construction work of \$26.0 billion. In addition, these establishments paid out \$10.5 billion for the cost of materials, fuels, power, rental of equipment and buildings,

and the cost of selected purchased services. Value added for 1987 was \$17.1 billion. (See Introduction and appendixes for explanation of terms.)

There were 36,877 establishments with total employment averaging 326,979 during the year. Total payroll for 1987 was \$8.3 billion. Total hours worked by construction workers during the year were 445 million hours.

The data in this report covering establishments with payroll were obtained from a sample survey. A construction establishment is defined as a relatively permanent office, or other place of business, where the usual business activities related to construction are conducted. A separate census report was required from each sample establishment covering domestic operations. Separate reports were not required for each project or construction site.

In 1987, the value of construction work was collected to better measure actual construction activity done during the year. Construction receipts, as reported in earlier censuses, may have included the value of work done before or after the calendar year and may have also excluded work done by builders for their own use. All dollar values are shown in current dollars for the years specified and have not been adjusted for inflation.



Since the data in this report covering employer establishments are estimated from a sample survey, they are subject to sampling variability, as well as errors of response and nonreporting. The relative standard errors shown in the tables are measures of sampling variability. Descriptions of the sampling, estimating procedures, and data reliability are included in the Introduction.

ESTABLISHMENTS WITHOUT PAYROLL

During 1987, there were 68,036 establishments with no payroll classified as construction or land subdividers and developers. According to administrative records of the Federal Government, their value of business done during 1987 was \$4.3 billion. Most of these establishments, about 76 percent, were special trade contractors.

For the establishments without payroll, only information on total value of business done was available from administrative records. Statistics on establishments without payroll are shown in tables 1 and 2 of this report.

Figure 1. **Selected Costs Per Dollar Value of Business Done**
(Percent)

1987 
1982 

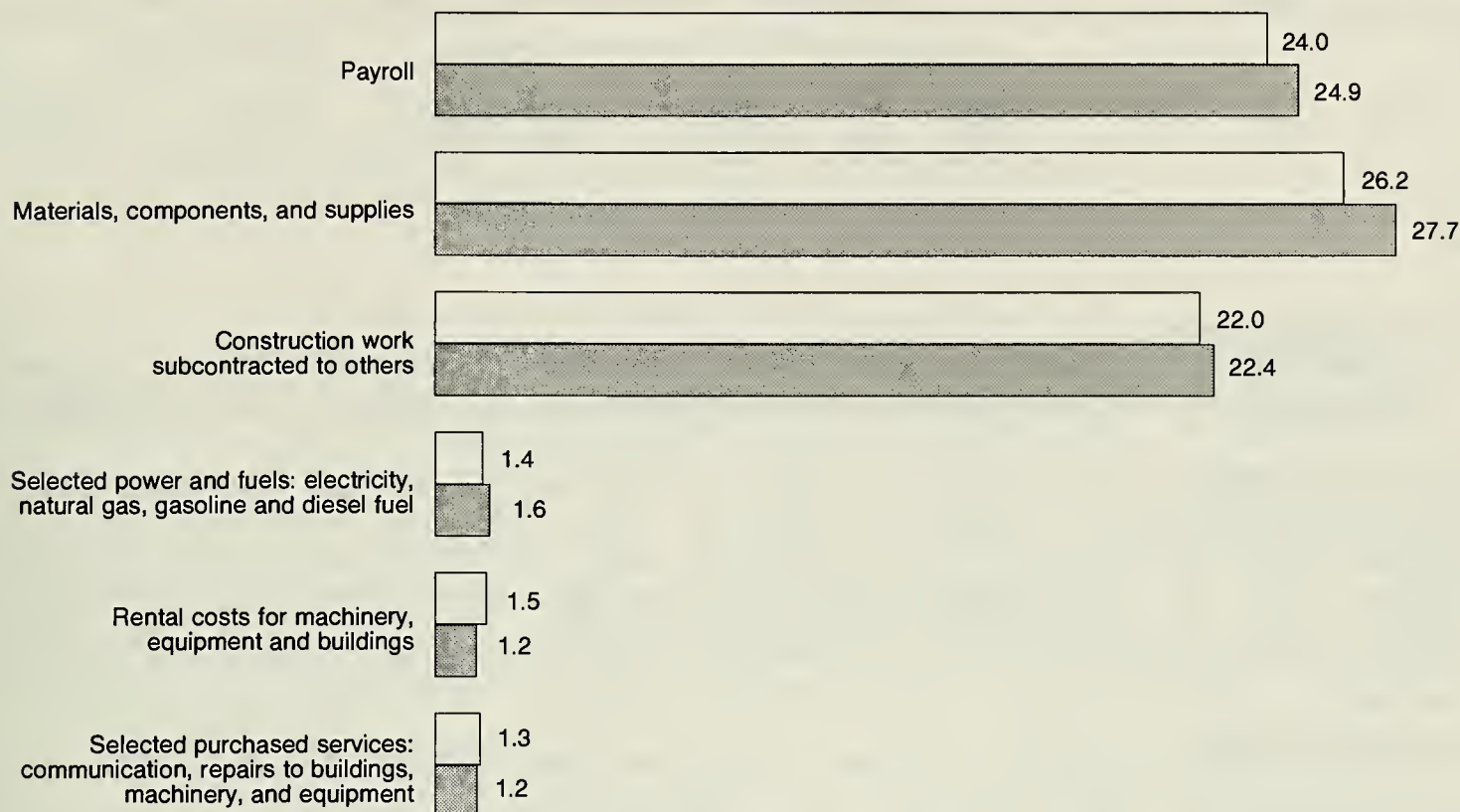




Figure 2. **Value of Construction Work by Type of Construction**
(Percent)

1987 
1982 

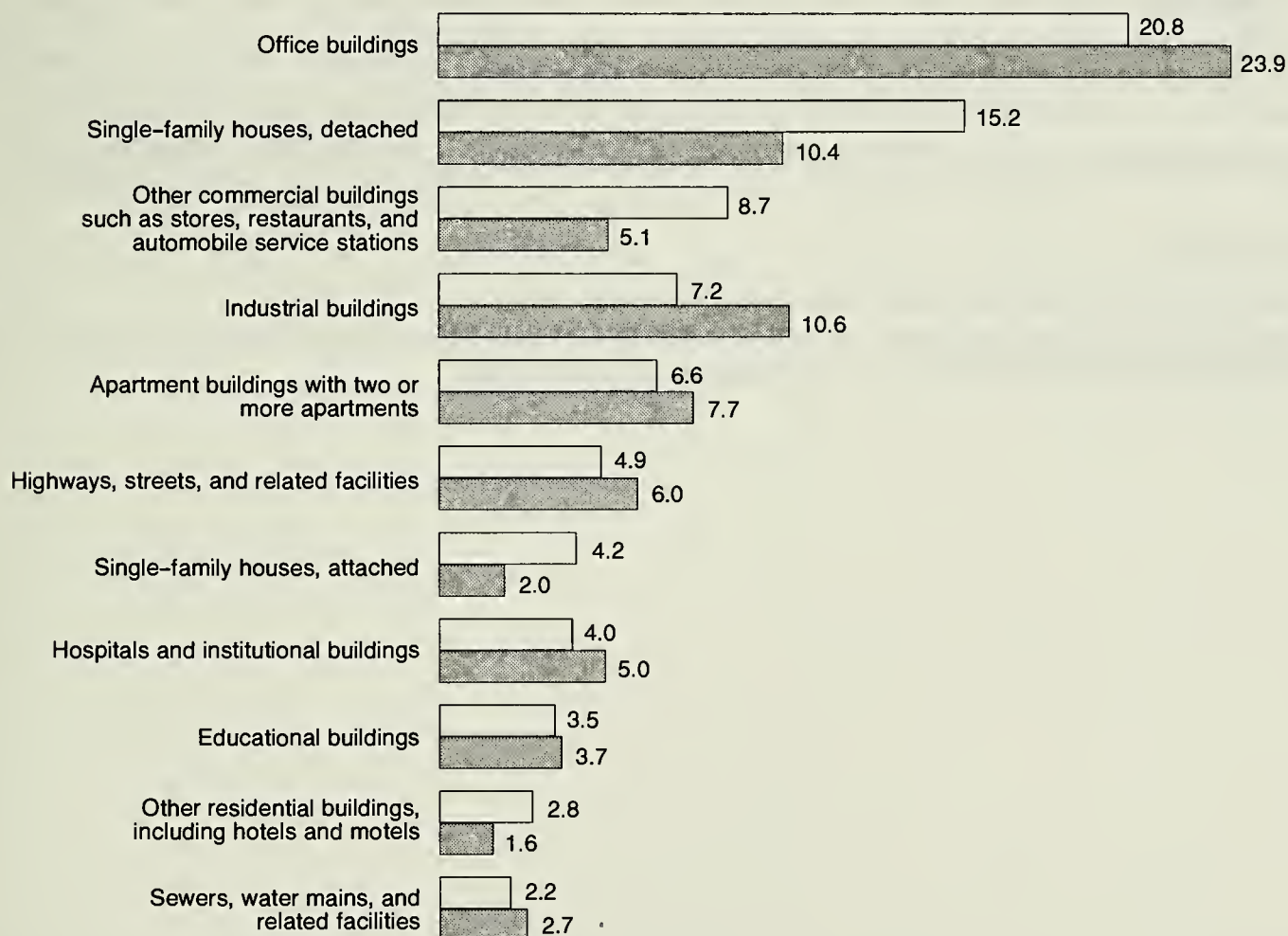


Table 1. Summary Statistics for Establishments With and Without Payroll by Industry: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Industry	All establishments				Establishments without payroll			Establishments with payroll				Relative standard error of estimate (percent) for column—	
		Number	Proprie- tors and working partners	All em- ployees**	Dollar value of business done	Number	Proprie- tors and working partners	Dollar value of business done	Number	Proprie- tors and working partners	All em- ployees**	Dollar value of business done¹		
		A	B	C	D	E	F	G	H	I	J	K	J	K
15, 16, 17	1987													
	Construction Industries and land subdividers and developers -----	104 913	71 412	326 979	38 961 146	68 036	64 942	4 289 938	36 877	6 470	326 979	34 671 208	(W)	1
	Construction Industries -----	103 221	70 493	324 883	37 859 062	66 823	64 067	3 469 994	36 398	6 426	324 883	34 389 068	(W)	1
	Building construction—General contractors and operative builders ----	25 546	14 108	80 421	14 824 996	14 482	12 369	1 458 061	11 064	1 739	80 421	13 366 935	1	1
	Heavy construction other than building construction— contractors-----	2 185	742	33 186	4 045 853	547	487	83 537	1 638	255	33 186	3 962 316	1	1
	Special trade contractors -----	75 490	55 643	211 276	18 988 213	51 794	51 211	1 928 396	23 696	4 432	211 276	17 059 817	1	(W)
	Plumbing, heating, and air-conditioning --	9 210	5 090	42 058	4 234 523	4 570	4 432	244 840	4 640	658	42 058	3 989 683	1	1
	Electrical work-----	7 528	4 359	45 658	3 975 944	3 929	3 809	147 625	3 599	550	45 658	3 828 319	1	1
6552	Land subdividers and developers, n.e.c.²-----	1 680	(S)	(S)	(S)	1 213	875	819 943	467	(S)	(S)	(S)	(S)	(S)
15, 16, 17	1982													
	Construction Industries and land subdividers and developers -----	67 888	46 832	245 558	19 788 712	41 367	40 686	1 752 171	26 521	6 146	245 558	18 036 541	1	(W)
	Construction industries -----	67 229	46 525	244 314	19 570 418	40 907	40 414	1 614 827	26 322	6 111	244 323	17 955 602	1	(W)
	Building construction—General contractors and operative builders ----	13 449	7 859	47 879	6 407 167	7 034	6 576	662 501	6 415	1 283	47 881	5 744 668	1	1
	Heavy construction other than building construction— contractors-----	2 940	1 785	25 178	2 501 754	1 593	1 575	72 760	1 347	210	25 178	2 428 996	1	1
	Special trade contractors -----	50 840	36 881	171 257	10 661 497	32 280	32 263	879 566	18 560	4 618	171 264	9 781 939	1	1
	Plumbing, heating, and air-conditioning --	7 219	3 834	32 610	2 403 982	3 281	3 216	114 219	3 938	618	32 610	2 289 763	1	1
	Electrical work-----	5 262	3 130	45 891	2 512 128	2 662	2 626	91 011	2 600	504	45 891	2 421 117	1	(W)
6552	Land subdividers and developers, n.e.c.²-----	650	(S)	(S)	(S)	460	272	137 344	190	(S)	(S)	(S)	(S)	(S)

Note: Number of establishments in this and subsequent tables represent those in business at any time during the year.

¹For establishments with payroll in 1987, the dollar value of business done includes the value of construction work which has a measure of construction activity where no receipts were received. In earlier censuses, construction receipts only were collected.

²For establishments without payroll, may also include data for an unknown number of cemetery subdividers and developers.

Table 2. Summary Statistics by Size Class of Dollar Value of Business Done for Establishments With and Without Payroll : 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Receipts size	All establishments				Establishments without payroll ¹			Establishments with payroll				Relative standard error of estimate (percent) for column—	
	Number	Proprietors and working partners	All employees**	Dollar value of business done	Number	Proprietors and working partners	Dollar value of business done	Number	Proprietors and working partners	All employees**	Dollar value of business done ²		
	A	B	C	D	E	F	G	H	I	J	K	J	K
1987													
The State -----	104 913	71 412	326 979	38 961 146	68 036	64 942	4 289 938	36 877	6 470	326 979	34 671 208	(W)	1
\$10,000,000 or more -----	510	52	74 311	12 638 701	13	10	267 238	497	42	74 311	12 371 463	(W)	1
\$5,000,000 to \$9,999,999 -----	685	58	35 386	4 786 389	37	24	265 354	648	34	35 386	4 521 035	(W)	2
\$2,500,000 to \$4,999,999 -----	1 465	125	41 335	5 047 735	94	55	313 653	1 371	70	41 335	4 734 082	1	2
\$1,000,000 to \$2,499,999 -----	3 931	359	56 677	6 085 095	283	134	428 977	3 648	225	56 677	5 656 118	2	2
\$500,000 to \$999,999 -----	4 977	676	39 326	3 449 936	587	315	403 998	4 390	361	39 326	3 045 938	2	2
\$250,000 to \$499,999 -----	7 651	2 133	33 530	2 647 511	1 456	1 044	499 774	6 195	1 089	33 530	2 147 737	3	3
\$100,000 to \$249,999 -----	(S)	(S)	(S)	(S)	4 993	4 515	756 055	(S)	(S)	(S)	(S)	(S)	(S)
\$50,000 to \$99,999 -----	(S)	(S)	(S)	(S)	8 031	7 707	563 178	(S)	(S)	(S)	(S)	(S)	(S)
\$25,000 to \$49,999 -----	(S)	(S)	(S)	(S)	11 583	11 191	410 343	(S)	(S)	(S)	(S)	(S)	(S)
Less than \$25,000 -----	(S)	(S)	(S)	(S)	40 959	39 947	381 368	(S)	(S)	(S)	(S)	(S)	(S)
\$10,000 to \$24,999 -----	(NA)	(NA)	(NA)	(NA)	16 741	16 296	276 163	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$5,000 to \$9,999 -----	(NA)	(NA)	(NA)	(NA)	9 680	9 415	70 536	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$2,000 to \$4,999 -----	(NA)	(NA)	(NA)	(NA)	6 613	6 480	24 265	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Less than \$2,000 -----	(NA)	(NA)	(NA)	(NA)	7 925	7 756	10 403	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1982													
The State -----	67 888	46 832	245 558	19 788 712	41 367	40 686	1 752 171	26 521	6 146	245 558	18 036 541	1	(W)
\$10,000,000 or more -----	250	30	58 393	6 534 523	13	10	327 346	237	20	58 393	6 207 177	(W)	(W)
\$5,000,000 to \$9,999,999 -----	333	29	26 336	2 297 807	12	16	81 410	321	13	26 336	2 216 397	(W)	(W)
\$2,500,000 to \$4,999,999 -----	669	36	25 373	2 320 719	23	17	80 726	646	19	25 373	2 239 993	(W)	(W)
\$1,000,000 to \$2,499,999 -----	1 906	80	37 862	2 939 555	58	38	83 347	1 848	42	37 862	2 856 208	1	2
\$500,000 to \$999,999 -----	2 450	190	26 445	1 707 405	131	70	88 924	2 319	120	26 445	1 618 481	2	3
\$250,000 to \$499,999 -----	4 134	636	26 176	1 453 762	366	242	125 810	3 768	394	26 176	1 327 952	3	2
\$100,000 to \$249,999 -----	8 284	3 097	26 091	1 305 436	1 572	1 456	228 935	6 712	1 641	26 091	1 076 501	3	2
\$50,000 to \$99,999 -----	8 472	5 395	10 614	594 761	3 651	3 705	247 404	4 821	1 690	10 614	347 357	3	3
\$25,000 to \$49,999 -----	9 785	7 855	4 971	345 391	6 703	6 672	232 241	3 082	1 183	4 971	113 150	4	3
Less than \$25,000 -----	31 602	29 482	3 295	289 351	28 838	28 460	256 028	2 764	1 022	3 295	33 323	4	4
\$10,000 to \$24,999 -----	(NA)	(NA)	(NA)	(NA)	11 603	11 500	184 147	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$5,000 to \$9,999 -----	(NA)	(NA)	(NA)	(NA)	7 338	7 260	50 205	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$2,500 to \$4,999 -----	(NA)	(NA)	(NA)	(NA)	6 100	6 007	17 879	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Less than \$2,500 -----	(NA)	(NA)	(NA)	(NA)	3 797	3 693	3 797	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Note: Underscored data fields include data from adjoining lines which have been withheld to avoid disclosing data for individual companies.

¹For establishments without payroll, may include data for an unknown number of cemetery subdividers and developers.

²For establishments with payroll in 1987, the dollar value of business done includes the value of construction work which has a measure of construction activity where no receipts were received. In earlier censuses, construction receipts only were collected.

Table 3. General Statistics for Establishments With Payroll by Industry: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Industry	1987							
		Number of establish- ments	Employees**		Payroll		Construction worker hours (thousands)	Value of construction work	Net value of construction work†
			All	Construction workers	All employees	Construction workers			
A	B	C	D	E	F	G	H		
	Construction industries and land subdividers and developers -----	36 877	326 979	259 154	8 319 456	6 006 049	445 300	33 594 491	25 981 282
15, 16, 17	Construction industries:								
15	Building construction—General contractors and operative builders:								
152	General contractors, residential buildings:								
1521	Single-family houses-----	6 779	28 883	22 943	460 952	332 700	37 904	2 494 522	1 919 295
1522	Other residential buildings-----	725	6 378	4 713	136 312	86 078	7 440	943 638	477 256
1531	Operative builders-----	1 180	7 506	3 847	207 079	77 299	6 788	2 140 888	1 267 936
154	General contractors, nonresidential buildings:								
1541	Industrial buildings and warehouses-----	423	7 435	5 544	227 625	154 584	10 464	1 171 459	645 940
1542	Nonresidential buildings, n.e.c.-----	1 957	30 219	22 273	856 734	533 678	39 148	6 007 129	2 817 043
16	Heavy construction other than building construction—contractors:								
1611	Highway and street construction-----	616	14 372	11 984	418 586	317 910	21 335	1 689 221	1 411 587
162	Heavy construction, except highway:								
1622	Bridge, tunnel, and elevated highway construction-----	58	3 583	3 147	89 461	72 124	5 292	323 040	249 203
1623	Water, sewer, and utility lines-----	405	6 771	5 621	186 407	136 044	10 714	682 317	627 230
1629	Heavy construction, n.e.c.-----	559	8 460	6 664	244 835	177 626	11 551	1 142 148	882 385
17	Special trade contractors:								
1711	Plumbing, heating, and air-conditioning-----	4 640	42 058	31 541	1 127 336	789 688	58 239	3 951 782	3 459 380
1721	Painting and paper hanging-----	2 183	12 182	10 267	244 774	194 109	15 702	675 524	629 717
1731	Electrical work-----	3 599	45 658	36 913	1 450 701	1 119 155	68 001	3 803 434	3 718 233
174	Masonry, stonework, tile setting, and plastering:								
1741	Masonry, stone setting, and other stonework-----	1 593	11 026	9 662	229 958	188 826	14 841	722 348	680 515
1742	Plastering, drywall, and insulation work-----	842	16 365	14 084	471 410	372 549	24 300	1 276 255	1 166 950
1743	Terrazzo, tile, marble, and mosaic work-----	374	2 441	1 964	56 045	41 093	3 154	158 356	154 665
175	Carpentry and floor work:								
1751	Carpentry-----	3 119	14 433	12 375	303 684	230 011	20 270	973 950	860 297
1752	Floor laying and other floor work-----	600	3 602	2 847	82 134	58 005	4 627	304 169	282 632
1761	Roofing, siding, and sheet metal work-----	1 792	14 567	11 770	332 448	236 107	18 744	1 049 763	985 927
1771	Concrete work-----	1 304	10 998	9 333	258 178	205 176	15 498	952 856	873 828
1781	Water well drilling-----	157	897	733	20 069	15 447	1 310	68 799	66 688
179	Miscellaneous special trade contractors:								
1791	Structural steel erection-----	282	4 899	4 050	143 948	102 421	6 539	414 577	392 054
1793	Glass and glazing work-----	285	2 471	1 802	58 639	39 664	3 090	202 792	194 431
1794	Excavation work-----	880	7 028	5 897	155 218	125 979	10 534	600 041	555 228
1795	Wrecking and demolition work-----	110	1 533	1 270	38 142	25 685	1 871	110 716	97 840
1796	Installing building equipment, n.e.c.-----	268	6 952	5 433	220 911	165 154	9 657	600 546	578 192
1799	Special trade contractors, n.e.c.-----	1 668	14 166	11 599	260 646	195 921	17 039	960 322	871 601
6552	Land subdividers and developers, n.e.c.-----	467	(S)	(S)	(S)	(S)	(S)	(S)	(S)

†In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity where no receipts were received.

1987—Con.						1982			Relative standard error of estimate (percent) for column—			1987 SIC code
Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub-contracted to others	Rental cost of machinery, equipment, and buildings	Capital expenditures, other than land	End-of-year gross book value of depreciable assets	All employees**	Total construction receipts¹	Value added††				
I	J	K	L	M	N	O	P	Q	B	H	M	
17 131 349	9 547 568	7 613 209	503 179	504 538	3 192 104	245 558	17 682 919	8 635 210	(W)	(W)	2	15, 16, 17
												15
1 052 516 321 663	903 127 195 811	575 226 466 382	27 791 8 092	40 302 5 049	228 508 38 150	15 659 4 420	908 313 557 187	382 293 127 680	2 5	3 5	6 19	152 1521 1522
684 003	620 724	872 951	9 194	23 464	174 807	3 582	412 211	125 547	5	5	18	1531
435 828 1 989 955	232 233 1 015 485	525 519 3 190 086	17 576 49 365	35 615 37 560	83 957 246 745	5 744 18 474	694 180 3 064 162	234 401 790 666	4 2	4 1	3 7	154 1541 1542
												16
907 846	602 371	277 633	70 298	51 465	397 074	8 717	865 464	412 656	3	2	5	1611
176 688 445 462 604 195	78 823 187 948 292 660	73 837 55 087 259 763	12 029 27 466 34 887	8 063 27 338 26 115	65 155 156 307 184 339	2 580 6 723 7 158	241 154 563 262 706 181	128 911 334 879 363 894	1 3 3	1 3 2	3 13 10	162 1622 1623 1629
												17
2 137 461	1 359 819	492 402	48 527	49 969	345 732	32 610	2 260 551	1 182 317	1	1	4	1711
487 626	148 773	45 807	7 970	7 387	43 183	10 022	397 064	291 155	2	2	11	1721
2 560 106	1 183 012	85 200	38 235	34 370	216 198	45 891	2 386 264	1 437 244	1	1	5	1731
472 945 812 851 99 354	215 878 371 411 56 844	41 832 109 305 3 691	11 244 13 497 927	11 894 11 609 3 093	66 034 60 978 14 325	7 065 11 353 1 914	354 516 637 934 93 473	211 101 404 755 48 874	3 1 5	3 1 4	10 7 12	174 1741 1742 1743
537 670 171 670	347 137 114 775	113 652 21 537	7 403 3 240	13 173 2 854	65 469 16 955	10 232 2 420	486 477 151 735	265 773 77 699	2 9	3 6	8 23	175 1751 1752
618 481	384 233	63 836	15 015	14 108	103 889	11 436	638 621	346 784	2	2	8	1761
556 442	322 650	79 027	22 368	16 508	118 586	9 767	582 705	337 499	3	2	9	1771
42 801	26 880	2 111	478	4 111	19 407	585	35 860	20 489	6	6	24	1781
276 622 107 817 426 135 89 154 438 018 581 588	121 675 97 006 147 176 13 412 152 505 321 832	22 523 8 360 44 812 12 876 22 354 88 721	10 074 2 851 33 836 4 046 7 756 17 412	5 001 2 191 42 300 5 437 4 014 18 939	36 541 15 385 244 139 32 173 43 304 124 349	2 496 2 332 6 052 1 444 6 274 9 364	173 935 135 458 363 877 57 085 427 996 440 059	122 164 69 749 238 297 47 595 322 648 282 493	3 4 4 3 2 3	2 5 4 4 1 3	12 21 14 9 7 8	179 1791 1793 1794 1795 1796 1799
(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	6552

Table 4. Detailed Statistics for Establishments With Payroll: 1987 and Earlier Census Years

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Item	1987	1982	1977	1972	Relative standard error of estimate (percent)			
					1987	1982	1977	1972
Number of establishments in business during year	36 877	26 521	27 120	30 364	(W)	1	1	2
Proprietors and working partners	6 470	6 146	9 386	11 717	3	3	3	3
All employees**	326 979	245 558	206 021	290 575	(W)	1	1	1
Construction workers:								
March	228 787	172 510	137 514	209 678	1	1	1	1
May	262 450	201 775	174 168	243 408	(W)	1	1	1
August	282 147	209 738	185 281	251 520	(W)	(W)	1	1
November	263 233	198 858	172 848	247 465	1	1	1	1
Average	259 154	198 098	167 610	241 051	(W)	1	1	1
Other employees:								
March	66 419	47 101	36 811	47 788	1	1	1	1
May	67 747	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
August	68 879	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
November	68 280	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
Average	67 831	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
Construction worker hours (thousands):								
January to March	95 061	65 229	(NA)	(NA)	1	1	(NA)	(NA)
April to June	112 691	77 212	(NA)	(NA)	1	1	(NA)	(NA)
July to September	123 416	82 606	(NA)	(NA)	1	1	(NA)	(NA)
October to December	114 131	77 368	(NA)	(NA)	1	1	(NA)	(NA)
Total hours worked	445 300	302 417	(NA)	(NA)	1	1	(NA)	(NA)
Payroll, all employees	8 319 456	4 493 607	2 858 468	3 436 173	(W)	(W)	(W)	1
Payroll, construction workers	6 006 049	3 497 569	2 228 805	2 784 436	(W)	(W)	(W)	1
Payroll, other employees	2 313 407	996 038	629 663	651 737	(W)	1	1	1
First quarter payroll, all employees	1 783 591	962 335	579 854	(NA)	1	(W)	1	(NA)
Employer costs for fringe benefits, all employees	2 078 848	870 059	643 020	(NA)	(W)	1	(W)	(NA)
Legally required expenditures	1 417 665	661 127	309 194	(NA)	(W)	(W)	(W)	(NA)
Voluntary expenditures	661 182	208 931	333 826	(NA)	1	(W)	(W)	(NA)
Dollar value of business done	34 671 208	18 036 541	10 764 509	11 799 376	1	(W)	(W)	1
Value of construction work ¹	33 594 491	17 682 919	10 519 618	11 549 269	1	(W)	(W)	1
Value of construction work subcontracted in from others	8 097 036	4 133 824	2 297 267	2 614 649	1	1	1	1
Land receipts ²	379 080	80 881	(NA)	(NA)	5	4	(NA)	(NA)
Other business receipts	697 636	272 740	244 891	250 107	2	2	2	3
Net value of construction†	25 981 282	13 647 342	8 150 917	8 523 211	(W)	(W)	(W)	1
Value added††	17 131 349	8 635 210	5 124 726	5 684 938	(W)	(W)	(W)	1
Selected costs	17 160 778	9 320 449	5 555 440	6 030 110	1	(W)	1	1
Materials, components, and supplies ³	9 068 136	5 000 493	3 012 597	3 004 052	1	1	1	1
Construction work subcontracted to others	7 613 209	4 035 577	2 368 702	3 026 058	1	1	1	2
Selected power, fuels, and lubricants	479 432	284 379	174 141	(NA)	1	1	1	(NA)
Electricity	73 431	49 145	28 654	(NA)	1	1	2	(NA)
Natural gas	17 050	13 968	9 609	(NA)	1	2	2	(NA)
Gasoline and diesel fuel	357 816	202 773	111 457	(NA)	1	1	1	(NA)
On highway use	281 316	(NA)	(NA)	(NA)	1	2	2	(NA)
Off highway use	76 500	(NA)	(NA)	(NA)	3	(NA)	(NA)	(NA)
Other, including lubricating oils and greases	31 133	18 493	24 424	(NA)	2	2	2	(NA)
Rental cost for machinery, equipment, and buildings	503 179	219 840	147 877	(NA)	2	1	1	(NA)
For machinery and equipment	342 188	162 787	117 106	124 984	2	1	2	2
For buildings	160 990	57 053	30 771	(NA)	1	1	1	(NA)
Selected purchased services	445 455	224 353	171 126	(NA)	1	1	3	(NA)
Communication services	150 778	81 260	66 403	(NA)	1	1	5	(NA)
Repairs to buildings and other structures	30 371	13 911	11 523	(NA)	4	2	10	(NA)
Repairs to machinery and equipment	264 305	129 182	93 200	(NA)	1	1	3	(NA)
Ownership of construction projects:								
Value of construction work	33 594 491	17 682 919	10 519 618	11 549 269	1	(W)	(W)	1
Government owned	6 695 977	3 830 181	2 927 820	3 814 431	1	1	(W)	1
Federal	1 212 207	(NA)	(NA)	(NA)	2	1	1	1
State and local	5 483 769	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
Privately owned	26 898 514	13 852 738	7 591 798	7 734 838	1	1	1	1

¹In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity where no receipts were received.

²Data were collected separately for establishments classified in SIC 1531, Operative Builders and SIC 6552, Land Subdividers and Developers, Except Cemeteries. For all other industries, data are included in other business receipts.

³For 1972, includes data for power, fuels, and lubricants.

Table 5. Assets, Capital Expenditures, and Depreciation for Establishments With Payroll: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Item	1987	1982	Relative standard error of estimate (percent)	
			1987	1982
BUILDINGS AND OTHER STRUCTURES, MACHINERY, AND EQUIPMENT				
Beginning-of-year gross book value of depreciable assets -----	2 787 307	2 509 674	2	1
Capital expenditures, other than land -----	504 538	236 881	2	1
New -----	409 428	180 970	2	2
Used -----	95 109	55 910	5	3
Retirements and disposition of depreciable assets -----	99 741	97 035	4	6
End-of-year gross book value of depreciable assets -----	3 192 104	2 649 520	2	1
Depreciation charges during year -----	401 845	331 393	2	1
Buildings and Other Structures, Additions, and Related Facilities				
Beginning-of-year gross book value of depreciable assets -----	601 852	460 285	4	2
Capital expenditures, other than land -----	57 288	36 285	5	4
New buildings and other structures -----	43 783	30 585	6	3
Used buildings and other structures -----	13 505	5 700	7	10
Retirements and disposition of depreciable assets -----	18 081	16 636	14	19
End-of-year gross book value of depreciable assets -----	641 059	479 935	4	2
Depreciation charges during year -----	55 018	52 794	4	2
Machinery and Equipment				
Beginning-of-year gross book value of depreciable assets -----	2 185 454	2 049 388	2	1
Capital expenditures, other than land -----	447 249	200 595	2	2
New machinery and equipment, including automobiles and trucks -----	365 645	150 384	2	2
New automobiles and trucks, intended primarily for highway use -----	193 327	70 399	2	2
Used machinery and equipment, including automobiles and trucks -----	81 604	50 210	5	3
Retirements and disposition of depreciable assets -----	81 660	80 398	4	3
End-of-year gross book value of depreciable assets -----	2 551 044	2 169 584	2	1
Depreciation charges during year -----	346 826	278 599	2	1

Table 6. Value of Inventories for Establishments With Payroll: 1987 and 1986

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Item	Establishments with payroll	Relative standard error of estimate (percent)
All establishments:		
Number	36 877	(W)
Value of construction work	33 594 491	1
Establishments with inventories:		
Number	13 602	2
Value of construction work	14 631 547	1
Inventories ¹ :		
End of 1987, materials and supplies	620 900	2
End of 1986, materials and supplies	499 030	2
Establishments with no inventories:		
Number	17 335	2
Value of construction work	12 144 728	1
Establishments not reporting:		
Number	5 940	3
Value of construction work	6 818 216	1

¹Inventories at cost or market prior to any adjustment to correct to LIFO values.

Table 7. Selected Statistics for Establishments With Payroll by Employment Size Class: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Selected statistics	Total	Establishments with an average of—									1,000 employees or more
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees		
1987											
Number of establishments -----	36 877	(S)	7 556	4 207	2 308	583	262	51	13	5	
All employees** -----	326 979	(S)	48 358	55 165	66 923	40 191	39 574	16 720	8 560	7 094	
Payroll, all employees -----	8 319 456	(S)	946 344	1 255 347	1 780 113	1 254 981	1 279 998	606 750	224 950	258 388	
Construction worker hours (thousands) -----	445 300	(S)	62 842	72 099	90 807	58 769	57 365	24 947	11 620	10 827	
Dollar value business done -----	34 671 208	(S)	4 351 759	5 539 408	7 106 070	4 861 950	4 782 256	2 470 771	957 242	615 943	
Value of construction work ¹ -----	33 594 491	(S)	4 194 661	5 351 331	6 886 758	4 791 730	4 603 876	2 375 657	1 566 414	(D)	
Net value of construction work† -----	25 981 282	(S)	3 286 594	4 223 606	5 351 589	3 608 717	3 456 860	1 602 486	1 350 205	(D)	
Value added†† -----	17 131 349	(S)	2 087 809	2 704 478	3 533 331	2 424 478	2 471 532	1 198 704	484 402	455 113	
Cost of materials, components, supplies, and fuels -----	9 547 568	(S)	1 261 900	1 627 467	1 947 238	1 244 600	1 157 799	498 896	267 352	150 109	
Cost of construction work subcontracted to others -----	7 613 209	(S)	908 067	1 127 725	1 535 169	1 183 012	1 147 016	773 171	205 488	10 721	
Rental cost for machinery, equipment, and buildings -----	503 179	(S)	56 199	87 012	104 393	95 190	71 200	29 641	10 643	7 631	
Capital expenditures, other than land -----	504 538	(S)	89 492	99 549	104 280	46 397	34 668	43 781	8 321	(D)	
End-of-year gross book value of depreciable assets -----	3 192 104	(S)	585 404	629 924	699 344	329 414	233 548	141 693	51 405	(D)	
1982											
All employees** -----	245 558	33 592	33 406	37 064	45 795	27 262	27 998	16 076	6 700	17 664	
Value of construction work ¹ -----	13 647 342	1 467 606	1 569 932	2 013 346	2 756 881	1 843 625	1 927 697	1 153 102	915 153	(D)	
Value added†† -----	8 635 210	852 161	952 212	1 237 909	1 766 130	1 236 968	1 255 435	797 556	536 836	(D)	
1987 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)											
All employees** -----	(W)	(S)	2	2	1	1	(W)	(W)	(W)	(W)	
Net value of construction work† -----	(W)	(S)	3	2	1	(W)	(W)	(W)	(W)	(D)	
Capital expenditures, other than land -----	2	(S)	7	6	4	1	(W)	(W)	(W)	(D)	

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies.

¹In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity where no receipts were received.

Table 8. Selected Statistics by Size Class of Dollar Value of Business Done for Establishments With Payroll: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Selected statistics	Total	Establishments with dollar value of business done—									\$10,000,000 or more
		Less than \$25,000	\$25,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 to \$9,999,999	
1987											
Number of establishments	36 877	(S)	(S)	(S)	(S)	6 195	4 390	3 648	1 371	648	497
All employees**	326 979	(S)	(S)	(S)	(S)	33 530	39 326	56 677	41 335	35 386	74 311
Payroll, all employees	8 319 456	(S)	(S)	(S)	(S)	593 313	810 929	1 388 191	1 171 528	1 143 148	2 605 016
Construction worker hours (thousands)	445 300	(S)	(S)	(S)	(S)	43 147	53 835	73 467	57 218	50 918	107 535
Dollar value of business done	34 671 208	(S)	(S)	(S)	(S)	2 147 737	3 045 938	5 656 118	4 734 082	4 521 035	12 371 463
Value of construction work ¹	33 594 491	(S)	(S)	(S)	(S)	2 093 967	2 957 733	5 464 528	4 600 118	4 396 085	11 932 609
Net value of construction work†	25 981 282	(S)	(S)	(S)	(S)	1 864 820	2 560 084	4 524 722	3 637 307	3 357 940	8 052 246
Value added††	17 131 349	(S)	(S)	(S)	(S)	1 140 863	1 583 015	2 922 583	2 362 997	2 231 841	5 657 157
Cost of materials, components, supplies, and fuels	9 547 568	(S)	(S)	(S)	(S)	762 922	1 030 292	1 697 960	1 348 578	1 209 358	2 714 762
Cost of construction work subcontracted to others	7 613 209	(S)	(S)	(S)	(S)	229 146	397 649	939 806	962 810	1 038 145	3 880 363
Rental cost for machinery, equipment, and buildings	503 179	(S)	(S)	(S)	(S)	33 228	46 223	94 878	65 258	78 525	158 224
Capital expenditures, other than land	504 538	(S)	(S)	(S)	(S)	46 810	72 817	107 055	61 629	53 289	105 698
End-of-year gross book value of depreciable assets	3 192 104	(S)	(S)	(S)	(S)	328 364	424 100	719 110	451 520	339 197	570 070
1982											
All employees**	245 558	3 295	4 971	10 614	26 091	26 176	26 445	37 862	25 373	26 336	58 393
Value of construction work ¹	13 647 342	30 192	104 249	320 268	953 519	1 146 183	1 343 585	2 275 834	1 722 606	1 703 090	4 047 815
Value added††	8 635 210	18 646	61 827	192 326	570 354	704 529	829 351	1 443 222	1 078 433	1 141 063	2 595 456
1987 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)											
All employees**	(W)	(S)	(S)	(S)	(S)	3	2	2	1	(W)	(W)
Net value of construction work†	(W)	(S)	(S)	(S)	(S)	3	2	2	2	1	(W)
Capital expenditures, other than land	2	(S)	(S)	(S)	(S)	7	7	7	5	5	1

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies.

¹In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity where no receipts were received.

Table 9. Value of Construction Work for Establishments With Payroll by Type of Construction: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Type of construction	Value of construction work ¹				Relative standard error of estimate (percent) for column—			
	Total	New construction	Additions, alterations, or reconstruction ²	Maintenance and repair				
	A	B	C	D	A	B	C	D
1987								
Value of construction work ¹	33 594 491	17 380 155	10 289 820	3 914 629	1	1	1	1
Building construction	25 984 242	14 222 094	8 578 801	3 020 832	1	1	1	1
Single-family houses	6 498 756	4 461 415	1 451 238	586 102	2	3	3	3
Single-family houses, detached	5 101 827	3 285 225	1 313 058	503 543	2	3	3	3
Single-family houses, attached	1 396 928	1 176 190	138 179	82 558	5	5	7	7
Apartment buildings with two or more apartments	2 220 823	1 243 672	596 036	381 114	2	2	5	3
Other residential buildings, including hotels and motels	934 118	539 864	273 277	120 977	3	3	6	6
Hotels and motels	443 139	293 511	108 082	41 546	4	5	4	4
Other residential buildings, excluding hotels and motels	490 979	246 352	165 195	79 430	4	4	9	8
Office buildings	6 996 574	3 167 353	3 123 026	706 195	1	1	1	2
Other commercial buildings such as stores, restaurants, and automobile service stations	2 907 629	1 496 201	963 432	447 995	1	2	2	2
Industrial buildings and warehouses	2 880 100	1 569 977	860 109	450 014	2	2	2	2
Industrial buildings	2 420 931	1 277 078	744 316	399 537	2	2	2	2
Warehouses	459 169	292 898	115 793	50 477	3	4	5	4
Religious buildings	198 283	76 424	73 315	48 543	4	6	8	5
Educational buildings	1 168 165	537 203	525 353	105 607	2	2	3	3
Hospitals and institutional buildings	1 328 126	673 830	547 918	106 378	1	2	2	5
Amusement, social, and recreational buildings	154 263	86 471	51 136	16 656	4	4	5	6
Other nonresidential buildings	534 887	369 684	113 961	51 251	3	3	8	15
Land development for buildings	162 518	(NA)	(NA)	(NA)	9	(NA)	(NA)	(NA)
Nonbuilding construction	5 762 878	3 158 061	1 711 019	893 797	1	1	2	2
Highways, streets, and related facilities	1 662 564	745 378	605 795	311 390	2	2	4	2
Outdoor swimming pools	170 350	131 766	15 861	22 723	10	11	22	16
Parking areas including private driveways	194 278	125 630	31 149	37 499	7	8	12	12
Bridges, tunnels, and elevated highways	503 608	277 719	148 895	76 993	1	1	1	7
Tunnels	105 900	76 328	22 261	7 310	1	(W)	1	2
Bridges and elevated highways	397 708	201 390	126 634	69 683	2	2	1	7
Power and communication transmission lines, towers, and related facilities	477 307	292 899	141 497	42 910	2	3	1	8
Sewers, water mains, and related facilities	736 052	531 484	113 986	90 581	3	3	6	5
Sewers, sewer lines, and related facilities	446 568	317 644	68 371	60 553	3	3	7	6
Water mains and related facilities	289 484	213 840	45 615	30 028	3	3	8	6
Pipeline, other than sewer or water lines	163 036	76 596	35 178	51 261	5	6	3	10
Mass transit construction	438 944	130 339	269 567	39 038	1	1	(W)	4
Subways	366 607	109 763	233 992	22 851	(W)	(W)	(W)	(W)
Railroads	72 337	20 576	35 574	16 186	5	8	2	9
Blast furnaces, petroleum refineries, and chemical complexes	128 816	56 192	37 625	34 999	10	9	3	23
Power plants	156 009	61 034	45 660	49 314	3	3	6	4
Power plants, nuclear	37 416	12 117	10 024	15 274	2	5	1	2
Power plants, except nuclear	118 592	48 917	35 635	34 039	4	4	8	6
Sewage treatment and water treatment plants	466 414	347 862	97 826	20 725	3	4	4	3
Sewage treatment plants	381 420	297 007	70 000	14 412	4	5	2	3
Water treatment plants	84 994	50 855	27 825	6 313	6	5	13	9
Earthmoving, nonbuilding	120 430	95 206	14 719	10 503	11	12	27	13
Other nonbuilding construction	545 070	285 956	153 261	105 861	6	9	9	8
Construction work, n.s.k.	1 847 371	(NA)	(NA)	(NA)	2	(NA)	(NA)	(NA)
1982								
Value of construction work ¹	17 682 919	13 318 602	(NA)	4 364 317	(W)	(W)	(NA)	1
Building construction	13 125 130	9 996 702	(NA)	3 128 428	(W)	(W)	(NA)	1
Single-family houses	2 200 902	1 627 934	(NA)	572 967	1	2	(NA)	2
Single-family houses, detached	1 843 855	1 343 787	(NA)	500 067	2	2	(NA)	3
Single-family houses, attached	357 046	284 146	(NA)	72 900	4	4	(NA)	4
Apartment buildings with two or more apartments	1 360 280	990 669	(NA)	369 610	1	1	(NA)	3
Other residential buildings, including hotels and motels	289 441	202 116	(NA)	87 324	1	1	(NA)	3
Office buildings	4 224 353	3 478 437	(NA)	745 915	(W)	(W)	(NA)	1
Other commercial buildings such as stores, restaurants, and automobile service stations	905 275	621 255	(NA)	284 019	2	2	(NA)	2
Industrial buildings and warehouses	2 101 266	1 507 671	(NA)	593 594	1	1	(NA)	2
Industrial buildings	1 874 270	1 328 384	(NA)	545 886	1	1	(NA)	2
Warehouses	226 995	179 287	(NA)	47 708	2	2	(NA)	4
Religious buildings	135 068	88 665	(NA)	46 403	3	4	(NA)	4
Educational buildings	648 192	456 719	(NA)	191 472	2	2	(NA)	4
Hospitals and institutional buildings	882 275	706 612	(NA)	175 663	1	1	(NA)	3
Amusement, social, and recreational buildings	142 556	123 600	(NA)	18 956	4	5	(NA)	9
Other nonresidential buildings	235 522	193 024	(NA)	42 505	3	2	(NA)	6
Nonbuilding construction	3 184 843	2 240 881	(NA)	943 961	1	1	(NA)	1
Highways, streets, and related facilities	1 055 334	651 636	(NA)	403 697	1	2	(NA)	2
Bridges, tunnels, and elevated highways	332 424	252 236	(NA)	80 188	(W)	(W)	(NA)	2
Power and communication transmission lines, towers, and related facilities	218 064	162 202	(NA)	55 861	3	3	(NA)	3
Sewers, water mains, and related facilities	481 782	386 014	(NA)	95 768	2	2	(NA)	3
Mass transit construction	262 790	180 992	(NA)	81 798	1	(W)	(NA)	2
Blast furnaces, petroleum refineries, and chemical complexes	84 706	64 122	(NA)	20 584	2	2	(NA)	7
Power plants	215 172	144 904	(NA)	70 267	1	(W)	(NA)	1
Sewage treatment and water treatment plants	162 391	142 597	(NA)	19 794	1	1	(NA)	3
Other nonbuilding construction	372 179	256 177	(NA)	116 004	8	10	(NA)	11
Construction work, n.s.k.	1 372 946	1 081 018	(NA)	291 926	2	2	(NA)	2

¹In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity where no receipts were received.

²In 1982, data for additions, alterations, or reconstruction were not collected separately. These data are included with "New construction".

Table 10. Quarterly Construction Worker Hours and Employment With Payroll by Industry:

[Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Industry	Number of establishments	Average number of construction workers	Construction worker hours (thousands)	January to March		April to June	
					Construction workers ¹	Hours worked (thousands)	Construction workers ¹	Hours worked (thousands)
		A	B	C	D	E	F	G
	Construction industries and land subdividers and developers -----	36 877	259 154	445 300	228 787	95 061	262 450	112 691
15, 16, 17	Construction Industries:							
15	Building construction—General contractors and operative builders:							
152	General contractors, residential buildings:							
1521	Single-family houses -----	6 779	22 943	37 904	20 537	8 115	23 558	9 789
1522	Other residential buildings -----	725	4 713	7 440	4 645	1 783	4 795	1 880
1531	Operative builders -----	1 180	3 847	6 788	3 257	1 386	3 982	1 858
154	General contractors, nonresidential buildings:							
1541	Industrial buildings and warehouses -----	423	5 544	10 464	4 827	2 196	5 122	2 336
1542	Nonresidential buildings, n.e.c. -----	1 957	22 273	39 148	20 054	8 672	21 736	9 610
16	Heavy construction other than building construction—contractors:							
1611	Highway and street construction -----	616	11 984	21 335	6 976	2 829	12 953	5 645
162	Heavy construction, except highway:							
1622	Bridge, tunnel, and elevated highway construction -----	58	3 147	5 292	2 426	966	3 477	1 451
1623	Water, sewer, and utility lines -----	405	5 621	10 714	4 358	1 965	5 940	2 852
1629	Heavy construction, n.e.c. -----	559	6 664	11 551	5 426	2 251	6 713	2 943
17	Special trade contractors:							
1711	Plumbing, heating, and air-conditioning ----	4 640	31 541	58 239	30 314	13 523	31 309	14 356
1721	Painting and paper hanging -----	2 183	10 267	15 702	8 765	3 339	10 407	4 022
1731	Electrical work -----	3 599	36 913	68 001	36 141	16 087	35 873	16 769
174	Masonry, stonework, tile setting, and plastering:							
1741	Masonry, stone setting, and other stonework -----	1 593	9 662	14 841	8 119	2 960	10 149	3 966
1742	Plastering, drywall, and insulation work ..	842	14 084	24 300	13 158	5 432	14 007	6 100
1743	Terrazzo, tile, marble, and mosaic work ..	374	1 964	3 154	1 803	750	2 020	824
175	Carpentry and floor work:							
1751	Carpentry -----	3 119	12 375	20 270	11 236	4 424	12 756	5 090
1752	Floor laying and other floor work -----	600	2 847	4 627	2 845	1 113	2 880	1 159
1761	Roofing, siding, and sheet metal work -----	1 792	11 770	18 744	9 510	3 655	12 063	4 807
1771	Concrete work -----	1 304	9 333	15 498	6 482	2 624	10 506	4 220
1781	Water well drilling -----	157	733	1 310	644	280	756	340
179	Miscellaneous special trade contractors:							
1791	Structural steel erection -----	282	4 050	6 539	3 782	1 463	3 881	1 570
1793	Glass and glazing work -----	285	1 802	3 090	1 708	716	1 801	764
1794	Excavation work -----	880	5 897	10 534	4 647	1 949	5 997	2 670
1795	Wrecking and demolition work -----	110	1 270	1 871	1 183	402	1 266	477
1796	Installing building equipment, n.e.c. -----	268	5 433	9 657	5 502	2 384	5 359	2 400
1799	Special trade contractors, n.e.c. -----	1 668	11 599	17 039	9 753	3 535	12 264	4 462
6552	Land subdividers and developers, n.e.c. --	467	(S)	(S)	(S)	(S)	(S)	(S)

¹Construction workers during pay periods including 12th of March, May, August, and November.

July to September		October to December		Relative standard error of estimate (percent) for column—										1987 SIC code
Construction workers¹	Hours worked (thousands)	Construction workers¹	Hours worked (thousands)											
H	I	J	K	B	C	D	E	F	G	H	I	J	K	
282 147	123 416	263 233	114 131	(W)	1	1	1	(W)	1	(W)	1	1	1	15, 16, 17
														15
25 018 4 773	10 551 1 912	22 660 4 641	9 449 1 863	2 5	3 7	2 5	3 7	2 5	3 8	2 5	3 7	2 5	3 7	152 1521 1522
4 354	1 964	3 794	1 579	6	8	6	8	7	10	6	9	10	8	1531 154
6 006 24 144	2 973 10 614	6 220 23 159	2 958 10 251	5 2	7 2	9 2	16 2	6 2	9 2	4 2	5 2	4 3	4 3	1541 1542
														16
15 295	7 181	12 710	5 677	3	3	3	4	3	3	3	3	2	2	1611
3 493 6 154 7 226	1 537 3 023 3 272	3 195 6 032 7 294	1 337 2 872 3 083	(W) 3 3	1 4 3	(W) 3 3	1 4 3	(W) 3 3	1 4 3	(W) 3 3	1 4 4	1 3 3	1 4 4	162 1622 1623 1629
														17
32 590	15 306	31 952	15 053	1	1	1	1	1	1	1	1	1	2	1711
11 942	4 572	9 954	3 767	2	4	3	4	3	4	3	4	3	4	1721
38 499	17 934	37 141	17 209	1	1	1	1	1	1	1	1	1	1	1731
														174
10 393 15 025 1 962	4 138 6 526 771	9 990 14 150 2 072	3 774 6 240 807	3 1 5	4 2 7	3 2 5	6 2 7	3 1 5	4 2 6	4 1 5	5 2 6	6 2 6	6 2 8	1741 1742 1743
13 285 2 849	5 534 1 177	12 233 2 814	5 222 1 177	2 9	3 12	2 9	3 12	2 9	3 11	3 10	3 12	3 9	4 12	175 1751 1752
13 284	5 368	12 230	4 912	2	3	2	3	2	3	2	3	2	3	1761
11 304	4 838	9 054	3 815	3	3	3	4	3	3	3	3	3	4	1771
771	338	759	350	7	9	6	9	7	10	6	9	8	10	1781
4 374 1 846 6 602 1 331 5 513 13 087	1 774 792 3 101 503 2 468 4 880	4 162 1 853 6 343 1 299 5 357 11 308	1 731 817 2 812 487 2 404 4 160	3 4 4 3 2 3	4 5 6 6 2 3	3 4 4 3 2 3	3 5 6 6 2 4	3 4 4 3 1 3	4 5 6 6 2 4	3 4 4 3 2 3	4 5 6 5 2 4	3 4 4 2 1 3	4 5 6 6 2 4	179 1791 1793 1794 1795 1796 1799
(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	6552

Table 11. Selected Industry Ratios for Establishments With Payroll in This State: 1987

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Industry	Average number of employees** per estab- lishment	Payroll per employee (\$1,000)	Construction worker hours per construction worker	Value of construction work per construction worker (\$1,000)	Average per dollar of value of construction work			
						Payroll, all employees	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Rental cost for machinery, equipment, and buildings
	Construction industries and land subdividers and developers	8.9	25.4	1 718.3	129.6	.248	.284	.227	.015
15, 16, 17	Construction industries:								
15	Building construction—General contractors and operative builders:								
152	General contractors, residential buildings:								
1521	Single-family houses	4.3	16.0	1 652.1	108.7	.185	.362	.231	.011
1522	Other residential buildings	8.8	21.4	1 578.6	200.2	.144	.208	.494	.009
1531	Operative builders	6.4	27.6	1 764.5	556.5	.097	.290	.408	.004
154	General contractors, nonresidential buildings:								
1541	Industrial buildings and warehouses	17.6	30.6	1 887.4	211.3	.194	.198	.449	.015
1542	Nonresidential buildings, n.e.c.	15.4	28.4	1 757.6	269.7	.143	.169	.531	.008
16	Heavy construction other than building construction—contractors:								
1611	Highway and street construction	23.3	29.1	1 780.3	141.0	.248	.357	.164	.042
162	Heavy construction, except highway:								
1622	Bridge, tunnel, and elevated highway construction	61.8	25.0	1 681.6	102.7	.277	.244	.229	.037
1623	Water, sewer, and utility lines	16.7	27.5	1 906.1	121.4	.273	.275	.081	.040
1629	Heavy construction, n.e.c.	15.1	28.9	1 733.3	171.4	.214	.256	.227	.031
17	Special trade contractors:								
1711	Plumbing, heating, and air-conditioning	9.1	26.8	1 846.5	125.3	.285	.344	.125	.012
1721	Painting and paper hanging	5.6	20.1	1 529.4	65.8	.362	.220	.068	.012
1731	Electrical work	12.7	31.8	1 842.2	103.0	.381	.311	.022	.010
174	Masonry, stonework, tile setting, and plastering:								
1741	Masonry, stone setting, and other stonework	6.9	20.9	1 536.0	74.8	.318	.299	.058	.016
1742	Plastering, drywall, and insulation work	19.4	28.8	1 725.4	90.6	.369	.291	.086	.011
1743	Terrazzo, tile, marble, and mosaic work	6.5	23.0	1 605.9	80.6	.354	.359	.023	.006
175	Carpentry and floor work:								
1751	Carpentry	4.6	21.0	1 638.0	78.7	.312	.356	.117	.008
1752	Floor laying and other floor work	6.0	22.8	1 625.2	106.8	.270	.377	.071	.011
1761	Roofing, siding, and sheet metal work	8.1	22.8	1 592.5	89.2	.317	.366	.061	.014
1771	Concrete work	8.4	23.5	1 660.6	102.1	.271	.339	.083	.023
1781	Water well drilling	5.7	22.4	1 787.2	93.9	.292	.391	.031	.007
179	Miscellaneous special trade contractors:								
1791	Structural steel erection	17.4	29.4	1 614.6	102.4	.347	.293	.054	.024
1793	Glass and glazing work	8.7	23.7	1 714.8	112.5	.289	.478	.041	.014
1794	Excavation work	8.0	22.1	1 786.3	101.8	.259	.245	.075	.056
1795	Wrecking and demolition work	13.9	24.9	1 473.2	87.2	.345	.121	.116	.037
1796	Installing building equipment, n.e.c.	25.9	31.8	1 777.5	110.5	.368	.254	.037	.013
1799	Special trade contractors, n.e.c.	8.5	18.4	1 469.0	82.8	.271	.335	.092	.018
6552	Land subdividers and developers, n.e.c.	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	ALBANY-SCHENECTADY-TROY, NY MSA											
	Construction industries and land subdividers and developers	2 329	19 416	469 163	1 997 610	1 544 342	994 013	622 254	453 269	37 077	2	2
15,16, 17	Construction Industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1522	Other residential buildings	73	487	7 786	74 200	45 423	24 936	21 010	28 776	*598	29	30
1531	Operative builders	128	1 189	32 486	299 138	193 459	97 570	97 656	105 679	*4 167	14	13
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1542	Nonresidential buildings, n.e.c.	99	2 018	58 936	341 486	158 606	128 819	(D)	182 880	4 096	4	4
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	42	900	36 797	130 547	117 920	73 579	(D)	12 627	3 773	8	6
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	8	344	11 751	48 644	35 716	24 082	(D)	12 928	958	(W)	(W)
1623	Water, sewer, and utility lines	47	513	9 882	42 565	39 436	27 370	(D)	3 129	3 008	18	16
1629	Heavy construction, n.e.c.	27	477	14 321	54 005	46 585	34 934	12 447	7 420	3 051	12	11
17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning	217	2 173	52 298	172 680	147 916	89 981	60 384	24 765	2 128	4	3
1721	Painting and paper hanging	98	416	8 011	18 389	17 525	15 450	3 394	*864	*334	12	11
1731	Electrical work	204	2 073	53 179	155 843	151 838	107 614	46 896	4 005	1 597	5	3
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework	105	656	13 815	38 588	36 566	27 228	(D)	2 022	862	8	7
1742	Plastering, drywall, and insulation work	64	962	26 770	85 412	83 761	47 140	37 012	1 651	*389	7	5
1743	Terrazzo, tile, marble, and mosaic work	17	135	3 783	11 021	10 934	7 111	(D)	87	273	9	1
175	Carpentry and floor work:											
1751	Carpentry	176	513	7 291	29 191	26 441	16 141	10 961	2 751	*646	14	12
1752	Floor laying and other floorwork	24	*77	1 561	6 480	(D)	2 805	3 728	(D)	*70	42	(D)
1761	Roofing, siding, and sheet metal work	133	1 082	22 998	69 521	63 461	36 052	28 940	6 060	*619	9	7
1771	Concrete work	69	367	6 492	19 515	19 237	11 213	(D)	278	*1 120	29	30
1781	Water well drilling	23	107	2 195	7 072	6 916	4 540	2 704	*156	*203	39	28
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	19	289	8 796	33 151	30 817	18 768	12 050	2 334	443	10	8
1793	Glass and glazing work	27	149	3 302	13 123	12 979	6 587	7 513	144	(S)	25	27
1794	Excavation work	105	517	9 217	40 660	39 387	29 072	11 339	1 273	*4 278	14	14
1795	Wrecking and demolition work	8	51	1 338	5 234	(D)	3 722	1 199	(D)	(W)	(D)	(D)
1796	Installing building equipment, n.e.c.	12	220	8 474	17 730	17 218	14 895	(D)	512	256	(W)	(W)
1799	Special trade contractors, n.e.c.	106	1 091	20 473	67 623	63 660	44 215	23 901	3 963	1 400	12	11
6552	Land subdividers and developers, n.e.c.	*22	246	4 537	11 037	*10 425	7 733	*2 808	612	(D)	19	41
	BUFFALO-NIAGARA FALLS, NY CMSA											
	Construction industries and land subdividers and developers	2 383	19 454	430 057	1 809 366	1 385 438	882 020	543 443	423 928	28 914	2	1
15,16, 17	Construction Industries:											
	Building construction—General contractors and operative builders:											
52	General contractors, residential buildings:											
521	Single-family houses	458	1 628	22 506	(D)	87 580	48 013	40 967	(D)	1 427	11	13
522	Other residential buildings	34	167	2 722	17 611	10 570	5 381	5 686	7 041	*35	24	24
531	Operative builders	39	295	6 529	65 539	37 086	16 355	(D)	28 452	*238	21	20
54	General contractors, nonresidential buildings:											
541	Industrial buildings and warehouses	33	563	16 059	99 003	58 071	37 326	20 916	40 932	1 002	8	7
542	Nonresidential buildings, n.e.c.	111	1 976	51 555	322 211	140 237	93 749	62 116	181 974	1 444	6	5

Table 12. **Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.**

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	BUFFALO-NIAGARA FALLS, NY CMSA—Con.											
	Construction industries and land subdividers and developers—Con.											
15,16, 17 16	Construction industries—Con. Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	65	1 223	33 780	167 570	139 162	71 672	(D)	28 408	4 858	5	5
162 1622	Heavy construction, except highway: Bridge, tunnel, and elevated highway construction-----	3	(D)	(D)	(D)	(D)	(D)	(D)	4 274	(D)	(D)	(D)
1623	Water, sewer, and utility lines -----	43	382	9 873	46 074	39 811	26 368	(D)	6 263	*1 952	10	14
1629	Heavy construction, n.e.c. -----	28	565	15 695	78 707	55 798	40 613	17 492	22 909	1 818	5	2
17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning-----	266	2 382	60 021	217 007	174 038	112 590	63 019	42 969	3 279	5	4
1721	Painting and paper hanging-----	136	606	8 794	24 220	22 875	17 914	5 260	1 345	393	16	10
1731	Electrical work -----	204	2 066	46 544	141 691	137 480	82 493	55 904	4 211	2 058	5	5
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework-----	110	748	15 925	43 466	40 013	29 861	10 229	3 453	669	12	10
1742	Plastering, drywall, and insulation work-----	59	1 244	28 293	81 330	76 957	49 639	27 412	4 373	582	3	2
1743	Terrazzo, tile, marble, and mosaic work-----	20	125	2 730	8 433	(D)	5 304	3 685	(D)	*156	21	(D)
175	Carpentry and floor work:											
1751	Carpentry-----	189	617	8 971	35 867	31 371	19 063	13 186	4 496	999	16	15
1752	Floor laying and other floorwork----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1761	Roofing, siding, and sheet metal work-----	192	1 545	28 670	93 622	87 848	55 495	35 778	5 773	1 114	7	5
1771	Concrete work -----	146	950	17 279	82 047	77 533	52 601	25 722	4 514	1 667	9	7
1781	Water well drilling -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(D)	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection-----	13	257	6 105	19 497	18 202	14 162	5 434	1 295	304	8	7
1793	Glass and glazing work -----	*10	94	1 905	7 889	7 723	3 433	(D)	166	197	6	6
1794	Excavation work-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	12	10
1795	Wrecking and demolition work-----	5	(D)	(D)	3 125	2 662	2 289	(D)	463	(D)	(D)	(W)
1796	Installing building equipment, n.e.c. -	25	406	13 405	30 058	28 132	24 943	4 383	1 926	945	6	4
1799	Special trade contractors, n.e.c.-----	95	746	13 845	47 369	43 209	29 589	15 626	4 160	789	15	11
6552	Land subdividers and developers, n.e.c.-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	BUFFALO, NY PMSA											
	Construction industries and land subdividers and developers-----	1 948	16 147	362 184	1 510 667	1 150 566	721 022	466 322	360 101	24 804	2	2
15,16, 17	Construction industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	383	1 439	19 744	(D)	(D)	43 386	(D)	17 077	1 311	12	(D)
1522	Other residential buildings -----	22	119	1 727	14 738	8 418	4 057	4 603	6 320	*35	28	28
1531	Operative builders -----	27	223	5 009	49 809	27 212	11 402	(D)	22 596	(D)	15	14
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses-----	24	393	10 945	75 007	43 027	27 983	(D)	31 980	733	10	9
1542	Nonresidential buildings, n.e.c.-----	86	1 461	40 833	260 433	103 742	70 960	47 806	156 691	1 176	8	7
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	63	1 198	33 384	163 845	136 351	70 320	(D)	27 494	4 857	5	5
162 1622	Heavy construction, except highway: Bridge, tunnel, and elevated highway construction-----	3	(D)	(D)	(D)	(D)	(D)	(D)	4 274	(D)	(D)	(D)
1623	Water, sewer, and utility lines -----	37	330	8 480	39 985	34 029	22 009	(D)	5 956	*1 888	11	15
1629	Heavy construction, n.e.c. -----	19	314	8 951	43 502	33 000	21 821	13 137	10 503	1 280	2	2

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	BUFFALO, NY PMSA—Con.											
	Construction industries and land subdividers and developers—Con.											
15,16, 17 17	Construction industries—Con.											
	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning -----	210	1 926	50 419	185 060	145 558	93 851	53 003	39 502	2 383	4	4
1721	Painting and paper hanging -----	119	517	7 425	20 045	18 765	14 788	4 270	1 280	369	18	12
1731	Electrical work -----	167	1 779	42 862	128 779	124 707	74 214	51 411	4 072	1 843	5	5
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework -----	75	522	11 195	31 071	28 159	20 626	7 610	2 911	472	15	13
1742	Plastering, drywall, and insulation work -----	46	1 092	25 363	73 310	69 196	44 533	(D)	4 114	416	4	3
1743	Terrazzo, tile, marble, and mosaic work -----	*18	122	2 672	8 259	8 259	5 198	(D)	-	*156	21	18
175	Carpentry and floor work:											
1751	Carpentry -----	170	588	8 574	33 899	29 542	18 178	12 240	4 357	999	17	16
1752	Floor laying and other floorwork -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1761	Roofing, siding, and sheet metal work -----	153	1 317	24 901	82 302	76 886	48 638	31 672	5 416	773	8	6
1771	Concrete work -----	120	777	13 314	52 090	48 362	28 740	20 414	3 728	1 234	11	8
1781	Water well drilling -----	-	-	-	-	-	-	-	-	-	-	-
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1793	Glass and glazing work -----	*8	54	(D)	4 230	4 157	1 954	(D)	73	(D)	11	11
1794	Excavation work -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1795	Wrecking and demolition work -----	4	(D)	516	2 058	1 674	(D)	(D)	384	(D)	(D)	(W)
1796	Installing building equipment, n.e.c. -----	23	375	12 437	27 058	25 335	22 218	4 185	1 723	945	7	4
1799	Special trade contractors, n.e.c. -----	83	658	12 327	41 752	37 897	26 180	13 660	3 855	726	16	12
6552	Land subdividers and developers, n.e.c. -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	NIAGARA FALLS, NY PMSA											
	Construction industries and land subdividers and developers -----	435	3 307	67 873	298 699	234 871	160 998	77 121	63 827	4 110	4	4
15,16, 17	Construction industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	75	188	2 763	11 733	9 238	4 627	5 116	*2 495	*116	27	26
1522	Other residential buildings -----	*12	*48	*995	2 873	2 152	*1 324	*1 083	721	-	47	39
1531	Operative builders -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses -----	*10	170	5 114	23 996	15 044	9 343	5 852	8 952	*269	15	10
1542	Nonresidential buildings, n.e.c. -----	25	516	10 722	61 778	36 495	22 789	(D)	25 283	268	5	4
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction -----	-	-	-	-	-	-	-	-	-	-	-
1623	Water, sewer, and utility lines -----	7	53	1 393	*6 089	*5 782	4 359	*1 423	*307	(D)	26	43
1629	Heavy construction, n.e.c. -----	9	251	6 745	35 204	(D)	18 791	4 355	(D)	538	11	(D)

Table 12. **Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.**

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	NIAGARA FALLS, NY PMSA— Con.											
	Construction Industries and land subdividers and developers—Con. Construction industries—Con.											
15,16, 17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning	57	456	9 601	31 947	28 480	18 739	10 016	3 467	896	17	13
1721	Painting and paper hanging	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1731	Electrical work	37	286	3 682	12 911	12 772	8 279	4 493	139	*216	21	13
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework	35	226	4 730	12 395	11 854	9 235	2 619	*542	197	19	12
1742	Plastering, drywall, and insulation work	13	151	2 930	8 021	7 761	5 106	(D)	*259	166	27	22
1743	Terrazzo, tile, marble, and mosaic work	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
175	Carpentry and floor work:											
1751	Carpentry	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1752	Floor laying and other floorwork	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1761	Roofing, siding, and sheet metal work	40	227	3 770	11 320	10 962	6 857	4 106	357	342	16	8
1771	Concrete work	26	173	3 964	29 957	29 170	23 862	5 309	787	433	21	11
1781	Water well drilling	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	7	129	3 409	8 742	8 493	6 915	2 305	249	135	(W)	(W)
1793	Glass and glazing work	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1794	Excavation work	4	11	150	531	493	360	(D)	38	(D)	(W)	(W)
1795	Wrecking and demolition work	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1796	Installing building equipment, n.e.c. ..	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1799	Special trade contractors, n.e.c.	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
6552	Land subdividers and developers, n.e.c.	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ- CT CMSA											
	Construction Industries and land subdividers and developers	42 066	386 766	10 285 662	41 965 365	32 203 048	21 564 684	11 639 884	9 762 317	552 103	(W)	(W)
15,16, 17	Construction Industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1522	Other residential buildings	835	6 739	154 460	986 923	494 016	334 551	206 044	492 907	5 112	4	5
1531	Operative builders	1 693	12 625	377 045	3 788 207	2 370 390	1 431 977	1 030 909	1 417 817	35 714	3	4
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	490	6 507	182 470	1 185 836	635 904	425 171	239 547	549 932	10 843	4	3
1542	Nonresidential buildings, n.e.c.	2 054	34 604	1 030 193	7 526 324	3 422 078	2 472 162	1 178 811	4 104 247	45 542	2	1
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	616	14 917	427 997	1 690 116	1 433 914	952 210	548 808	256 202	55 502	2	2
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	49	3 760	101 340	392 908	323 164	228 476	101 578	69 744	5 469	1	1
1623	Water, sewer, and utility lines	366	7 869	242 870	877 889	795 351	571 543	229 443	82 538	29 876	2	2
1629	Heavy construction, n.e.c.	629	15 139	496 144	1 647 877	1 354 892	1 095 074	373 466	292 985	29 308	1	1

Table 12. **Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.**

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
15,16, 17 17	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ- CT CMSA—Con.											
	Construction Industries and land subdividers and developers—Con. Construction Industries—Con.											
	Special trade contractors:											
	1711 Plumbing, heating, and air- conditioning-----	5 754	50 233	1 364 942	4 736 709	4 227 316	2 577 913	1 693 883	509 393	58 216	1	1
	1721 Painting and paper hanging-----	2 585	14 229	298 959	829 629	770 312	593 649	184 311	59 317	8 662	2	2
	1731 Electrical work -----	4 487	53 631	1 700 670	4 384 125	4 283 157	2 947 607	1 362 916	100 969	39 718	1	1
	174 Masonry, stonework, tile setting, and plastering:											
	1741 Masonry, stone setting, and other stonework -----	1 999	14 498	317 299	1 007 195	936 069	624 234	320 151	71 126	17 172	3	2
	1742 Plastering, drywall, and insulation work -----	926	17 666	537 358	1 477 495	1 340 095	941 666	412 024	137 400	13 587	1	2
	1743 Terrazzo, tile, marble, and mosaic work -----	535	3 582	77 230	232 993	223 815	144 186	81 874	9 178	3 687	4	4
	175 Carpentry and floor work:											
	1751 Carpentry -----	3 639	17 888	384 477	1 230 194	1 075 324	682 545	418 946	154 869	15 462	2	2
	1752 Floor laying and other floorwork-----	666	4 885	116 423	433 453	395 276	238 308	166 346	38 176	5 005	7	5
	1761 Roofing, siding, and sheet metal work -----	1 921	15 356	372 262	1 200 945	1 122 432	714 240	420 621	78 513	15 023	2	2
	1771 Concrete work -----	1 157	12 311	318 188	1 114 597	1 020 158	647 533	380 986	94 439	20 321	2	2
	1781 Water well drilling -----	100	884	23 310	72 808	70 389	42 993	28 942	2 419	2 667	4	4
	179 Miscellaneous special trade contractors:											
	1791 Structural steel erection -----	306	5 372	164 606	461 025	437 406	321 792	121 465	23 619	4 170	2	2
	1793 Glass and glazing work -----	366	3 166	83 515	290 471	278 442	153 382	131 211	12 029	2 739	4	3
	1794 Excavation work -----	959	8 080	201 570	758 256	697 365	541 872	175 016	60 891	45 319	4	3
	1795 Wrecking and demolition work -----	109	1 959	49 031	142 011	128 404	117 875	16 022	13 607	5 047	2	2
	1796 Installing building equipment, n.e.c.-----	293	8 606	279 001	811 836	771 703	561 438	230 304	40 134	4 412	1	1
	1799 Special trade contractors, n.e.c.-----	1 903	17 325	345 382	1 199 340	1 080 141	729 371	389 726	119 199	21 474	3	2
6552	Land subdividers and developers, n.e.c.-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	BERGEN-PASSAIC, NJ PMSA											
	Construction Industries and land subdividers and developers-----	4 302	41 036	1 125 783	4 163 246	3 250 779	2 291 368	1 168 467	912 467	51 354	1	1
	(See appropriate State for SIC detail.)											
	BRIDGEPORT-MILFORD, CT PMSA											
	Construction Industries and land subdividers and developers-----	1 256	9 759	243 370	1 063 932	787 962	515 240	285 819	275 970	18 973	2	2
	(See appropriate State for SIC detail.)											
	DANBURY, CT PMSA											
	Construction Industries and land subdividers and developers-----	760	5 084	131 223	552 023	431 769	268 612	176 932	120 254	14 192	3	4
	(See appropriate State for SIC detail.)											
	JERSEY CITY, NJ PMSA											
	Construction Industries and land subdividers and developers-----	821	8 665	240 569	828 967	689 819	465 603	241 146	139 149	8 084	2	2
	(See appropriate State for SIC detail.)											
	MIDDLESEX-SOMERSET- HUNTERDON, NJ PMSA											
	Construction Industries and land subdividers and developers-----	3 081	27 192	718 832	3 052 498	2 348 234	1 594 009	894 559	704 264	49 794	1	2
	(See appropriate State for SIC detail.)											
	MONMOUTH-OCEAN, NJ PMSA											
	Construction Industries and land subdividers and developers-----	3 305	21 653	503 649	2 568 111	1 916 873	1 241 390	755 399	651 239	51 587	2	2
	(See appropriate State for SIC detail.)											

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	NASSAU-SUFFOLK, NY PMSA											
	Construction industries and land subdividers and developers	8 478	61 366	1 473 591	6 192 526	4 843 115	3 069 702	1 869 299	1 349 411	98 258	1	1
15,16, 17	Construction industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	1 623	6 605	114 476	704 094	510 045	270 599	246 068	194 050	8 037	5	6
1522	Other residential buildings	88	668	12 450	96 920	51 729	33 369	19 505	45 191	181	18	13
1531	Operative builders	258	1 374	42 132	419 517	251 189	132 815	120 718	168 329	*5 775	8	11
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	103	1 006	24 189	162 184	79 966	64 357	25 252	82 218	1 741	14	8
1542	Nonresidential buildings, n.e.c.	374	3 856	102 625	769 150	317 992	203 582	131 253	451 158	5 645	7	6
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	141	2 439	71 494	294 993	249 425	163 951	99 652	45 568	10 550	13	9
1622	Heavy construction, except highway: Bridge, tunnel, and elevated highway construction	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1623	Water, sewer, and utility lines	72	1 410	45 329	144 275	137 188	98 114	(D)	7 087	5 446	7	7
1629	Heavy construction, n.e.c.	148	1 721	49 376	230 017	169 039	117 102	53 955	60 978	4 747	7	5
17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning	1 059	8 363	215 180	763 202	678 974	407 128	278 233	84 227	10 474	2	2
1721	Painting and paper hanging	428	2 221	43 604	110 968	106 638	83 525	23 948	4 331	1 226	6	5
1731	Electrical work	856	6 170	153 310	472 501	454 912	295 940	161 210	17 590	6 385	3	3
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework	397	3 086	69 914	221 950	210 639	141 834	72 443	11 312	3 496	7	5
1742	Plastering, drywall, and insulation work	197	4 214	114 433	295 185	279 042	185 112	95 642	16 143	1 660	3	2
1743	Terrazzo, tile, marble, and mosaic work	152	603	11 888	37 083	35 192	21 276	14 089	*1 891	663	15	12
175	Carpentry and floor work:											
1751	Carpentry	771	3 756	80 489	260 513	227 984	139 209	91 799	32 530	4 055	4	5
1752	Floor laying and other floorwork	148	939	21 437	77 135	70 406	40 545	30 321	6 729	*845	8	11
1761	Roofing, siding, and sheet metal work	407	2 688	62 928	220 588	205 355	124 873	81 858	15 232	2 664	6	4
1771	Concrete work	342	3 139	74 517	294 354	262 504	163 268	99 933	31 851	3 918	5	5
1781	Water well drilling	24	327	8 663	25 560	24 049	(D)	(D)	1 511	1 276	10	8
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	83	1 196	39 128	107 811	103 182	77 318	(D)	4 629	1 094	4	4
1793	Glass and glazing work	55	430	10 753	43 366	40 557	25 773	16 567	(S)	*421	10	14
1794	Excavation work	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1795	Wrecking and demolition work	36	255	6 066	31 128	24 021	20 774	*3 360	*7 107	1 085	13	13
1796	Installing building equipment, n.e.c.	37	399	11 269	39 351	37 724	27 923	10 598	1 627	*321	11	15
1799	Special trade contractors, n.e.c.	461	2 950	47 975	209 034	188 195	118 202	78 490	20 839	4 946	7	7
6552	Land subdividers and developers, n.e.c.	86	(D)	(D)	(D)	(D)	21 054	(D)	(D)	(D)	(D)	(D)
	NEW YORK, NY PMSA											
	Construction industries and land subdividers and developers	12 684	152 416	4 316 477	16 673 943	12 731 212	8 794 287	4 262 547	3 942 731	157 631	1	1
15,16, 17	Construction industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1522	Other residential buildings	375	3 844	90 883	570 804	258 357	185 377	107 644	312 447	2 443	4	6
1531	Operative builders	394	2 769	74 649	796 549	444 649	275 328	196 438	351 901	5 468	7	11
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	133	2 456	69 058	432 581	240 090	159 812	83 254	192 491	2 385	7	5
1542	Nonresidential buildings, n.e.c.	810	14 399	464 285	3 574 475	1 634 489	1 225 779	513 262	1 939 986	14 602	2	1

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	NEW YORK, NY PMSA—Con.											
	Construction industries and land subdividers and developers—Con.											
15,16, 17 16	Construction industries—Con.											
	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	124	5 928	169 058	635 813	514 544	359 048	195 600	121 268	16 204	1	2
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction-----	21	2 171	46 468	152 104	118 569	87 815	(D)	33 535	2 187	(W)	(W)
1623	Water, sewer, and utility lines -----	96	1 497	47 723	184 781	168 736	122 947	47 566	16 045	6 617	6	5
1629	Heavy construction, n.e.c. -----	129	3 830	121 076	602 890	454 719	301 836	155 779	148 171	6 290	2	2
17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning-----	1 831	20 056	570 173	1 978 769	1 736 277	1 098 242	656 747	242 492	18 990	1	1
1721	Painting and paper hanging-----	1 003	6 837	153 048	436 121	403 427	308 115	98 150	32 694	3 744	3	3
1731	Electrical work -----	1 482	27 978	1 008 742	2 505 014	2 460 668	1 755 738	718 738	44 347	17 252	1	1
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework-----	383	4 044	87 859	246 057	232 039	160 863	72 529	14 018	2 759	5	3
1742	Plastering, drywall, and insulation work-----	342	7 399	240 760	627 120	559 560	417 085	145 409	67 560	6 128	2	2
1743	Terrazzo, tile, marble, and mosaic work-----	127	1 311	31 247	79 770	78 422	53 337	25 828	1 348	1 521	6	5
175	Carpentry and floor work:											
1751	Carpentry-----	992	6 626	159 211	464 167	408 936	265 983	158 328	55 231	4 151	3	4
1752	Floor laying and other floorwork-----	238	1 883	47 045	168 521	157 255	98 993	59 973	11 266	1 557	17	9
1761	Roofing, siding, and sheet metal work-----	490	5 383	144 856	413 222	389 636	262 307	133 450	23 586	3 948	3	3
1771	Concrete work -----	288	4 027	113 280	384 472	352 273	228 981	124 506	32 199	3 321	3	2
1781	Water well drilling -----	11	76	2 164	6 589	6 562	4 403	(D)	27	109	3	1
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	105	2 447	72 251	200 108	189 298	131 101	58 632	10 810	1 422	3	3
1793	Glass and glazing work -----	130	1 275	31 410	104 436	99 813	53 685	46 776	4 624	617	5	6
1794	Excavation work-----	216	2 583	63 701	255 053	231 508	177 842	57 742	23 546	8 602	6	4
1795	Wrecking and demolition work -----	39	1 001	26 134	60 163	55 582	51 849	7 396	4 581	2 918	(W)	(W)
1796	Installing building equipment, n.e.c.-----	125	5 213	166 083	444 166	429 828	318 785	120 220	14 338	1 828	1	1
1799	Special trade contractors, n.e.c.-----	644	7 004	137 189	488 052	442 945	295 646	155 604	45 107	7 915	3	3
6552	Land subdividers and developers, n.e.c. -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	NEWARK, NJ PMSA											
	Construction industries and land subdividers and developers-----	5 246	42 725	1 108 251	4 893 478	3 758 633	2 385 100	1 440 868	1 134 845	66 535	1	2
	(See appropriate State for SIC detail.)											
	NORWALK, CT PMSA											
	Construction industries and land subdividers and developers-----	495	3 776	98 923	463 618	307 753	184 685	128 055	155 865	7 478	4	6
	(See appropriate State for SIC detail.)											
	ORANGE COUNTY, NY PMSA											
	Construction industries and land subdividers and developers-----	961	5 748	116 407	478 787	403 458	263 789	150 886	75 330	11 311	3	4
15,16, 17	Construction industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1522	Other residential buildings -----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1531	Operative builders -----	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses-----	*3	*24	*606	*6 170	*4 246	*2 184	*2 168	*1 924	*362	47	60
1542	Nonresidential buildings, n.e.c.-----	55	507	9 942	49 905	31 873	20 328	12 360	18 032	675	14	12

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	ORANGE COUNTY, NY PMSA— Con.											
	Construction industries and land subdividers and developers—Con.											
15,16, 17	Construction industries—Con.											
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	8	54	1 581	7 198	(D)	4 001	3 335	(D)	392	16	(D)
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated											
1623	highway construction-----	3	23	735	2 212	(D)	1 868	475	(D)	(D)	(W)	(D)
1629	Water, sewer, and utility lines -----	12	759	15 660	51 341	49 972	34 981	15 956	*1 369	-	6	8
	Heavy construction, n.e.c. -----	25	(D)	(D)	(D)	(D)	4 909	3 828	(D)	(D)	(D)	(D)
17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning -----	103	614	14 365	47 992	43 425	25 226	18 410	*4 566	559	9	10
1721	Painting and paper hanging-----	45	156	1 983	(D)	(D)	3 826	1 302	(D)	*133	23	(D)
1731	Electrical work -----	91	677	15 911	38 749	37 918	25 009	13 992	831	329	7	7
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1742	Plastering, drywall, and insulation work -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1743	Terrazzo, tile, marble, and mosaic work -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
175	Carpentry and floor work:											
1751	Carpentry -----	75	290	6 321	18 273	16 648	11 010	5 671	1 626	263	15	14
1752	Floor laying and other floorwork-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1761	Roofing, siding, and sheet metal work -----	33	116	1 880	7 797	7 577	4 676	2 900	220	*528	31	14
1771	Concrete work -----	36	288	5 356	20 896	20 304	11 151	*9 196	*593	590	20	31
1781	Water well drilling -----	8	32	534	2 544	2 498	1 368	(D)	*46	*58	11	12
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1793	Glass and glazing work -----	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1794	Excavation work -----	45	363	7 156	26 055	24 772	20 223	5 272	1 283	*2 043	17	11
1795	Wrecking and demolition work -----	-	-	-	-	-	-	-	-	-	-	-
1796	Installing building equipment, n.e.c. -----	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1799	Special trade contractors, n.e.c. -----	30	229	4 994	18 073	16 753	14 208	4 242	1 321	726	18	15
6552	Land subdividers and developers, n.e.c. -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	STAMFORD, CT PMSA											
	Construction industries and land subdividers and developers -----	677	7 347	208 589	1 034 236	733 443	490 899	265 910	300 793	16 905	2	2
	(See appropriate State for SIC detail.)											
	ROCHESTER, NY MSA											
	Construction industries and land subdividers and developers -----	2 115	17 019	398 723	1 761 974	1 351 579	836 031	563 648	410 395	32 466	1	2
15,16, 17	Construction industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1522	Other residential buildings -----	51	373	8 399	109 420	60 683	42 450	18 349	48 737	283	16	10
1531	Operative builders -----	82	449	17 787	191 193	119 125	54 100	67 286	72 069	1 213	10	12
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses -----	24	567	14 920	94 260	44 512	32 229	17 663	49 748	1 312	9	6
1542	Nonresidential buildings, n.e.c. -----	82	1 672	37 972	209 661	109 216	73 308	39 697	100 445	2 113	4	4
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	35	1 004	30 603	127 509	106 168	67 178	(D)	21 340	4 857	5	6
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1623	Water, sewer, and utility lines -----	27	634	18 009	64 712	58 049	38 544	20 251	6 663	4 152	6	3
1629	Heavy construction, n.e.c. -----	31	177	3 778	17 076	16 315	11 645	4 813	761	702	21	22

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	ROCHESTER, NY MSA—Con.											
	Construction industries and land subdividers and developers—Con.											
15,16, 17	Construction industries—Con.											
	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning -----	290	2 725	73 404	260 518	226 745	136 314	92 621	33 773	6 069	4	3
1721	Painting and paper hanging -----	111	471	7 348	20 778	19 534	16 777	3 926	1 244	91	10	10
1731	Electrical work -----	184	1 908	50 097	133 388	129 700	82 886	(D)	3 688	1 454	5	3
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework -----	137	597	9 121	27 418	25 284	18 487	6 989	2 134	*441	13	11
1742	Plastering, drywall, and insulation work -----	37	782	20 623	56 415	52 815	29 441	25 299	3 600	484	7	5
1743	Terrazzo, tile, marble, and mosaic work -----	14	73	2 032	6 584	6 373	3 579	2 827	211	*55	5	3
175	Carpentry and floor work:											
1751	Carpentry -----	228	710	12 208	47 064	39 446	22 412	18 708	7 618	349	12	14
1752	Floor laying and other floorwork -----	30	155	2 538	16 590	14 200	7 903	7 000	2 390	(D)	25	23
1761	Roofing, siding, and sheet metal work -----	133	829	18 692	64 271	59 362	36 307	23 288	4 910	1 724	8	8
1771	Concrete work -----	85	448	8 690	29 426	27 573	18 132	10 079	1 854	*1 488	13	13
1781	Water well drilling -----	4	(S)	(S)	(D)	(D)	(S)	(S)	(D)	(D)	(S)	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	5	83	1 952	7 497	(D)	3 661	2 733	(D)	132	(W)	(D)
1793	Glass and glazing work -----	11	198	4 936	12 496	(D)	6 408	7 991	(D)	(S)	6	(D)
1794	Excavation work -----	37	262	5 189	18 394	17 505	13 139	5 417	889	820	20	17
1795	Wrecking and demolition work -----	8	63	1 499	3 718	(D)	3 561	378	(D)	906	29	(D)
1796	Installing building equipment, n.e.c. -----	12	225	6 738	20 728	20 289	15 992	4 443	439	50	(W)	(W)
1799	Special trade contractors, n.e.c. -----	76	465	9 104	34 589	29 835	20 247	10 646	4 753	726	13	11
6552	Land subdividers and developers, n.e.c. -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	SYRACUSE, NY MSA											
	Construction industries and land subdividers and developers -----	1 569	12 652	295 918	1 312 924	1 009 707	602 915	435 889	303 216	29 052	2	2
15,16, 17	Construction industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	302	874	13 606	83 367	65 438	36 518	29 713	17 929	1 850	11	16
1522	Other residential buildings -----	9	145	3 069	*20 792	*12 839	6 053	*6 995	7 953	(S)	36	49
1531	Operative builders -----	68	378	13 077	144 275	83 080	32 144	51 729	61 195	3 201	10	10
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses -----	29	420	10 362	55 033	33 059	19 844	14 013	21 974	742	6	8
1542	Nonresidential buildings, n.e.c. -----	109	1 432	36 293	241 213	127 586	65 754	64 898	113 627	1 869	8	6
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	39	591	15 032	76 437	67 113	35 673	33 647	9 325	3 241	13	7
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction -----	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1623	Water, sewer, and utility lines -----	27	597	17 468	54 991	49 418	33 240	(D)	5 573	2 142	4	3
1629	Heavy construction, n.e.c. -----	25	396	11 320	48 347	39 997	24 952	16 493	8 350	*1 579	13	11

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	SYRACUSE, NY MSA—Con.											
	Construction industries and land subdividers and developers—Con.											
15,16, 17 17	Construction industries—Con.											
	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning -----	165	1 387	33 634	123 135	111 493	64 473	48 810	11 642	1 508	7	6
1721	Painting and paper hanging -----	89	520	7 848	20 480	18 926	14 851	4 083	1 554	559	17	15
1731	Electrical work -----	116	1 186	30 627	84 393	81 131	49 816	31 473	3 262	1 523	6	5
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework -----	105	562	12 158	42 614	40 588	28 385	(D)	2 026	789	8	9
1742	Plastering, drywall, and insulation work -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1743	Terrazzo, tile, marble, and mosaic work -----	3	50	1 430	(D)	(D)	2 326	1 823	(D)	(D)	(W)	(D)
175	Carpentry and floor work:											
1751	Carpentry -----	142	583	8 901	30 709	28 634	17 173	12 276	2 075	529	13	10
1752	Floor laying and other floorwork -----	*15	70	1 103	4 794	4 620	2 542	2 112	174	(D)	19	9
1761	Roofing, siding, and sheet metal work -----	90	573	10 412	36 837	35 070	19 959	15 344	1 767	904	11	7
1771	Concrete work -----	48	388	9 510	26 872	25 183	16 961	8 509	1 689	542	17	12
1781	Water well drilling -----	7	23	332	(D)	(D)	793	486	(D)	(D)	(W)	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1793	Glass and glazing work -----	12	53	1 003	3 804	(D)	1 853	2 064	(D)	42	13	(D)
1794	Excavation work -----	36	217	4 239	12 931	12 734	10 142	3 123	197	*987	27	24
1795	Wrecking and demolition work -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1796	Installing building equipment, n.e.c. -----	25	307	8 067	27 383	24 648	19 146	(D)	2 735	(D)	27	20
1799	Special trade contractors, n.e.c. -----	62	558	10 159	37 758	31 367	23 174	11 839	*6 391	*1 078	13	11
6552	Land subdividers and developers, n.e.c. -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)

CONTENTS

Pennsylvania

[Page numbers listed here omit the prefix that appears as part of the number of each page]

	Page
Summary of Findings.....	2

FIGURES

1. Selected Costs Per Dollar Value of Business Done.....	3
2. Value of Construction Work by Type of Construction	3

TABLES

Statistics for Establishments With and Without Payroll

1. Summary Statistics: 1987 and 1982	4
2. Summary Statistics by Size Class of Dollar Value of Business Done: 1987 and 1982	5

Statistics for Establishments With Payroll

3. General Statistics by Industry: 1987 and 1982	6
4. Detailed Statistics: 1987 and Earlier Census Years	8
5. Assets, Capital Expenditures, and Depreciation: 1987 and 1982.....	9
6. Value of Inventories: 1987 and 1986	9
7. Selected Statistics by Employment Size Class: 1987 and 1982	10
8. Selected Statistics by Size Class of Dollar Value of Business Done: 1987 and 1982	10
9. Value of Construction Work by Type of Construction: 1987 and 1982.....	11
10. Quarterly Construction Worker Hours and Employment by Industry: 1987	12
11. Selected Industry Ratios in This State: 1987	14
12. Selected Statistics for Selected Metropolitan Statistical Areas: 1987.....	15

SUMMARY OF FINDINGS

This report provides results from the 1987 Census of Construction Industries for Pennsylvania. The report includes data for construction establishments with payroll and shows limited data for establishments with no payroll (nonemployers). (Establishments with no payroll are, for the most part, companies owned and operated by a single person.)

Establishments covered in this report were primarily engaged in contract construction, construction on their own account for sale, or in subdividing real property into lots, as defined in the 1987 Standard Industrial Classification (SIC) Manual. The SIC Manual defines construction in three broad types: (1) building construction by general contractors or operative builders; (2) heavy construction (highways, power plants, etc.) done by general contractors and selected special trade contractors; and, (3) construction done by special trade contractors such as electricians, plumbers and painters. In addition, this census also includes one industry classified under "Real Estate" in the Manual, SIC 6552, Land Subdividers and Developers, Except Cemeteries.

During 1987, there were 86,344 establishments in this State operating in the construction industries or as land subdividers and developers. These establishments accounted for \$27.4 billion in total value of business done.

Most of the 86,344 construction establishments were small. Of the total, 61,269 were nonemployers, and over half of the employer establishments had less than 5 employees. The 10,059 construction establishments with 5 employees or more, while representing only 12 percent of all establishments, accounted for more than 76 percent of the total value of business done.

ESTABLISHMENTS WITH PAYROLL

During 1987, the establishments with paid employees accounted for \$23.4 billion on total dollar value of business done. Of this amount, \$22.6 billion were for the value of construction work. Their payments for construction work subcontracted to others amounted to \$5.4 billion, leaving net value of construction work of \$17.3 billion. In addition, these establishments paid out \$7.4 billion for the cost of materials, fuels, power, rental of equipment and buildings,

and the cost of selected purchased services. Value added for 1987 was \$11.1 billion. (See Introduction and appendixes for explanation of terms.)

There were 25,075 establishments with total employment averaging 234,314 during the year. Total payroll for 1987 was \$5.4 billion. Total hours worked by construction workers during the year were 325 million hours.

The data in this report covering establishments with payroll were obtained from a sample survey. A construction establishment is defined as a relatively permanent office, or other place of business, where the usual business activities related to construction are conducted. A separate census report was required from each sample establishment covering domestic operations. Separate reports were not required for each project or construction site.

In 1987, the value of construction work was collected to better measure actual construction activity done during the year. Construction receipts, as reported in earlier censuses, may have included the value of work done before or after the calendar year and may have also excluded work done by builders for their own use. All dollar values are shown in current dollars for the years specified and have not been adjusted for inflation.

Since the data in this report covering employer establishments are estimated from a sample survey, they are subject to sampling variability, as well as errors of response and nonreporting. The relative standard errors shown in the tables are measures of sampling variability. Descriptions of the sampling, estimating procedures, and data reliability are included in the Introduction.

ESTABLISHMENTS WITHOUT PAYROLL

During 1987, there were 61,269 establishments with no payroll classified as construction or land subdividers and developers. According to administrative records of the Federal Government, their value of business done during 1987 was \$4.0 billion. Most of these establishments, about 77 percent, were special trade contractors.

For the establishments without payroll, only information on total value of business done was available from administrative records. Statistics on establishments without payroll are shown in tables 1 and 2 of this report.

Figure 1. **Selected Costs Per Dollar Value of Business Done**
(Percent)

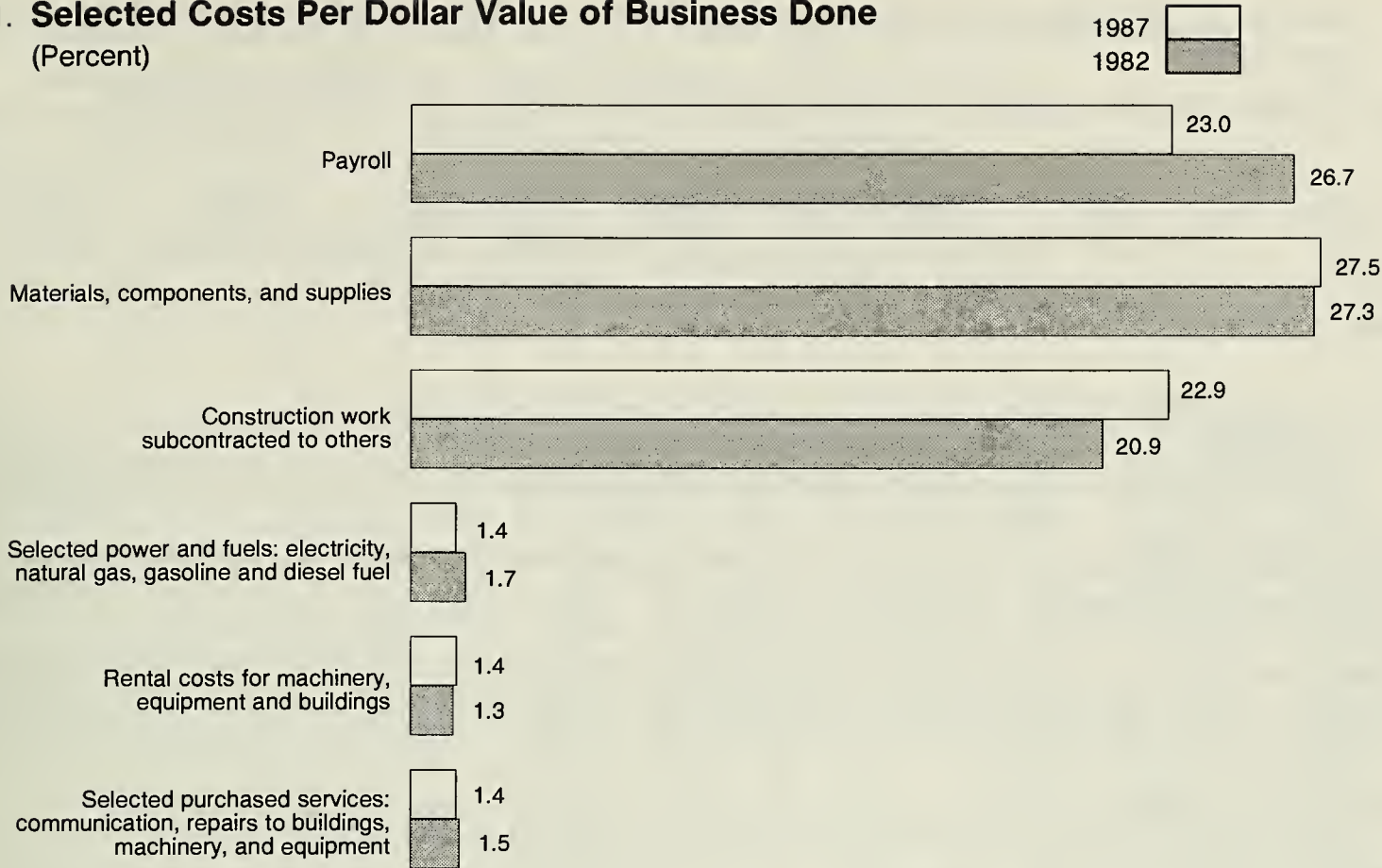


Figure 2. **Value of Construction Work by Type of Construction**
(Percent)

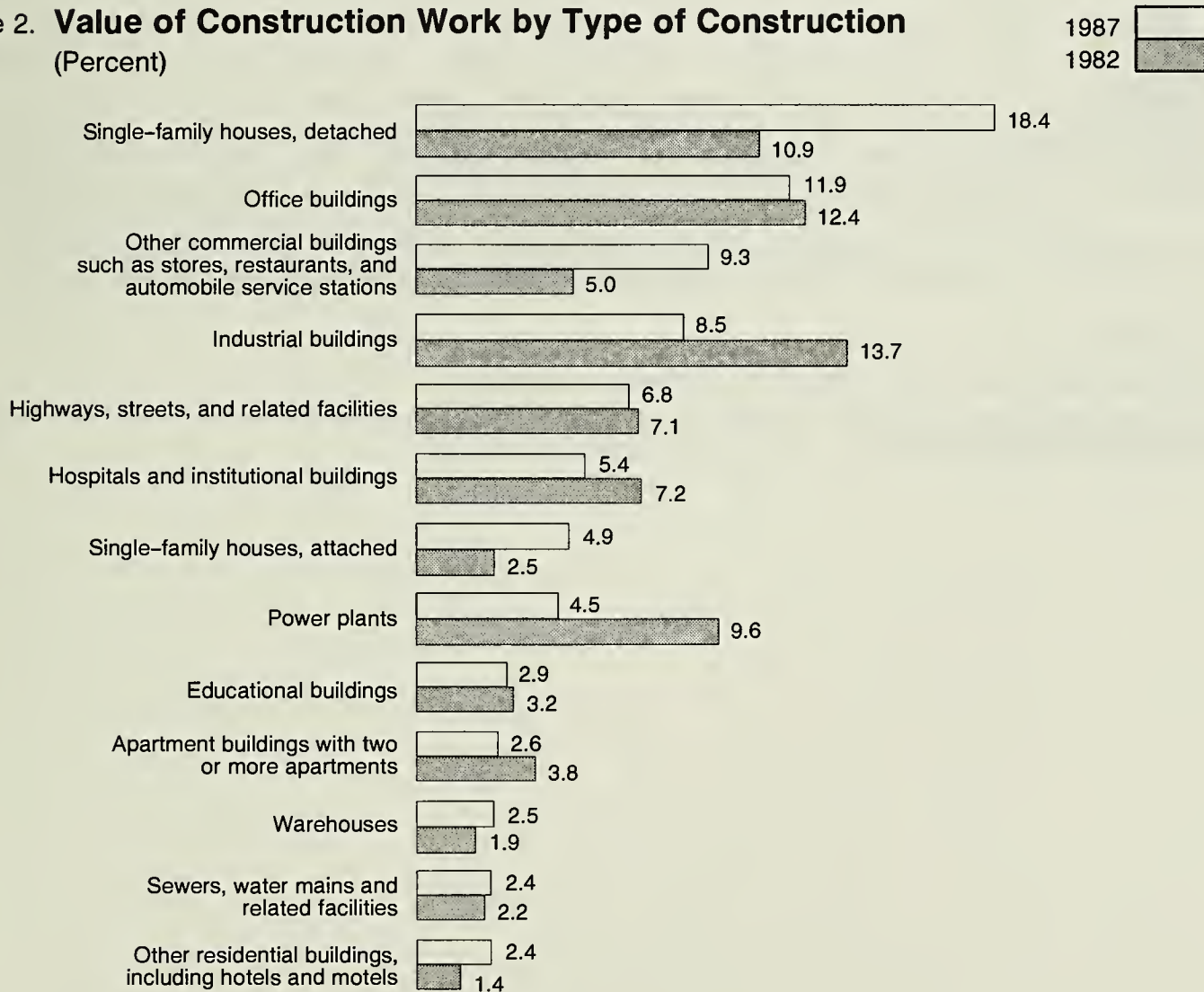


Table 1. Summary Statistics for Establishments With and Without Payroll by Industry: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Industry	All establishments				Establishments without payroll			Establishments with payroll				Relative standard error of estimate (percent) for column—	
			Proprie- tors and working partners	All em- ployees**	Dollar value of business done		Proprie- tors and working partners	Dollar value of business done		Proprie- tors and working partners	All em- ployees**	Dollar value of business done¹		
		A	B	C	D	E	F	G	H	I	J	K	J	K
15, 16, 17	1987													
	Construction Industries and land subdividers and developers -----	86 344	70 268	234 314	27 392 699	61 269	61 111	3 964 077	25 075	9 157	234 314	23 428 622	(W)	1
	Construction Industries -----	84 711	68 702	233 689	26 265 408	59 783	59 560	2 913 263	24 928	9 142	233 689	23 352 145	(W)	1
	Building construction—General contractors and operative builders ----	19 742	14 104	59 132	10 335 571	12 293	11 581	1 161 300	7 449	2 523	59 132	9 174 271	1	1
	Heavy construction other than building construction— contractors-----	1 857	878	42 148	4 332 896	553	545	68 301	1 304	333	42 148	4 264 595	1	1
	Special trade contractors -----	63 112	53 720	132 409	11 596 940	46 937	47 434	1 683 661	16 175	6 286	132 409	9 913 279	1	1
	Plumbing, heating, and air-conditioning --	7 592	5 685	27 660	2 601 038	4 412	4 442	218 320	3 180	1 243	27 660	2 382 718	1	2
	Electrical work-----	6 172	4 777	20 678	1 683 866	4 137	4 145	129 904	2 035	632	20 678	1 553 962	1	2
6552	Land subdividers and developers, n.e.c.²-----	1 621	1 557	611	1 127 281	1 486	1 551	1 050 814	135	6	611	76 467	8	8
15, 16, 17	1982													
	Construction Industries and land subdividers and developers -----	60 282	50 459	194 058	15 701 299	39 669	40 365	1 549 447	20 613	10 094	194 058	14 151 852	1	(W)
	Construction Industries -----	59 501	49 749	193 522	15 506 635	39 022	39 665	1 390 212	20 479	10 084	193 516	14 116 431	1	(W)
	Building construction—General contractors and operative builders ----	13 653	10 527	38 924	4 526 666	8 157	8 177	473 446	5 496	2 350	38 922	4 053 222	2	1
	Heavy construction other than building construction— contractors-----	2 503	1 831	37 924	3 278 751	1 537	1 553	81 590	966	278	37 904	3 197 162	1	(W)
	Special trade contractors -----	43 345	37 391	116 694	7 701 218	29 328	29 935	835 176	14 017	7 456	116 690	6 866 047	1	1
	Plumbing, heating, and air-conditioning --	6 121	4 724	27 493	2 001 499	3 213	3 287	124 340	2 908	1 437	27 493	1 877 159	1	1
	Electrical work-----	4 091	3 241	16 609	1 193 958	2 634	2 665	65 169	1 457	576	16 609	1 128 789	1	1
6552	Land subdividers and developers, n.e.c.²-----	774	707	536	194 656	647	700	159 235	127	*7	536	35 421	10	10

Note: Number of establishments in this and subsequent tables represent those in business at any time during the year.

¹For establishments with payroll in 1987, the dollar value of business done includes the value of construction work which has a measure of construction activity where no receipts were received. In earlier censuses, construction receipts only were collected.

²For establishments without payroll, may also include data for an unknown number of cemetery subdividers and developers.

Table 2. Summary Statistics by Size Class of Dollar Value of Business Done for Establishments With and Without Payroll : 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Receipts size	All establishments				Establishments without payroll ¹			Establishments with payroll				Relative standard error of estimate (percent) for column—	
	Number	Proprietors and working partners	All employees**	Dollar value of business done	Number	Proprietors and working partners	Dollar value of business done	Number	Proprietors and working partners	All employees**	Dollar value of business done ²		
	A	B	C	D	E	F	G	H	I	J	K	J	K
1987													
The State	86 344	70 268	234 314	27 392 699	61 269	61 111	3 964 077	25 075	9 157	234 314	23 428 622	(W)	1
\$10,000,000 or more	359	37	64 710	9 591 607	16	16	306 206	343	21	64 710	9 285 401	(W)	1
\$5,000,000 to \$9,999,999	440	64	23 326	3 036 868	42	41	291 004	398	23	23 326	2 745 864	1	2
\$2,500,000 to \$4,999,999	979	129	27 138	3 354 081	97	70	344 510	882	59	27 138	3 009 571	1	3
\$1,000,000 to \$2,499,999	2 475	604	37 122	3 843 270	268	209	416 050	2 207	395	37 122	3 427 220	2	3
\$500,000 to \$999,999	3 280	1 178	26 080	2 281 570	530	470	369 001	2 750	708	26 080	1 912 569	3	3
 \$250,000 to \$499,999	 5 460	 3 037	 22 989	 1 905 604	 1 221	 1 176	 421 661	 4 239	 1 861	 22 989	 1 483 943	 3	 3
\$100,000 to \$249,999	(S)	(S)	(S)	(S)	4 250	4 258	646 264	(S)	(S)	(S)	(S)	(S)	(S)
\$50,000 to \$99,999	(S)	(S)	(S)	(S)	7 016	7 104	492 240	(S)	(S)	(S)	(S)	(S)	(S)
\$25,000 to \$49,999	(S)	(S)	(S)	(S)	9 812	9 875	348 813	(S)	(S)	(S)	(S)	(S)	(S)
 Less than \$25,000	 (S)	 (S)	 (S)	 (S)	 38 017	 37 892	 328 327	 (S)	 (S)	 (S)	 (S)	 (S)	 (S)
\$10,000 to \$24,999	(NA)	(NA)	(NA)	(NA)	13 963	13 925	229 752	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$5,000 to \$9,999	(NA)	(NA)	(NA)	(NA)	8 695	8 680	63 529	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$2,000 to \$4,999	(NA)	(NA)	(NA)	(NA)	6 377	6 361	23 357	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Less than \$2,000	(NA)	(NA)	(NA)	(NA)	8 982	8 926	11 690	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1982													
The State	60 282	50 459	194 058	15 701 299	39 669	40 365	1 549 447	20 613	10 094	194 058	14 151 852	1	(W)
\$10,000,000 or more	215	17	63 287	6 451 305	4	6	100 226	211	11	63 287	6 351 079	(W)	(W)
\$5,000,000 to \$9,999,999	202	14	14 793	1 406 358	9	8	63 136	193	6	14 793	1 343 222	(W)	(W)
\$2,500,000 to \$4,999,999	431	19	18 150	1 505 163	17	8	58 837	414	11	18 150	1 446 326	(W)	(W)
\$1,000,000 to \$2,499,999	1 214	162	25 339	1 871 288	74	68	103 826	1 140	94	25 339	1 767 462	1	2
\$500,000 to \$999,999	1 593	387	17 512	1 113 230	141	128	96 308	1 452	259	17 512	1 016 922	3	3
 \$250,000 to \$499,999	 3 101	 1 309	 18 409	 1 094 599	 405	 398	 140 511	 2 696	 911	 18 409	 954 088	 3	 3
\$100,000 to \$249,999	7 252	4 994	21 327	1 127 696	1 763	1 855	259 874	5 489	3 139	21 327	867 822	3	3
\$50,000 to \$99,999	7 800	6 732	8 375	545 739	3 863	4 187	265 187	3 937	2 545	8 375	280 552	4	3
\$25,000 to \$49,999	9 193	8 419	3 977	326 233	6 652	6 854	233 209	2 541	1 565	3 977	93 024	4	3
 Less than \$25,000	 29 277	 28 405	 2 887	 259 686	 26 741	 26 853	 228 333	 2 536	 1 552	 2 887	 31 353	 3	 5
\$10,000 to \$24,999	(NA)	(NA)	(NA)	(NA)	10 216	10 290	162 173	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$5,000 to \$9,999	(NA)	(NA)	(NA)	(NA)	6 498	6 528	44 593	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$2,500 to \$4,999	(NA)	(NA)	(NA)	(NA)	6 068	6 073	17 608	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Less than \$2,500	(NA)	(NA)	(NA)	(NA)	3 959	3 962	3 959	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Note: Underscored data fields include data from adjoining lines which have been withheld to avoid disclosing data for individual companies.

¹For establishments without payroll, may include data for an unknown number of cemetery subdividers and developers.

²For establishments with payroll in 1987, the dollar value of business done includes the value of construction work which has a measure of construction activity where no receipts were received. In earlier censuses, construction receipts only were collected.

Table 3. General Statistics for Establishments With Payroll by Industry: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Industry	1987							
		Number of establish- ments	Employees**		Payroll		Construction worker hours (thousands)	Value of construction work	Net value of construction work†
			All	Construction workers	All employees	Construction workers			
A	B	C	D	E	F	G	H		
	Construction industries and land subdividers and developers -----	25 075	234 314	188 158	5 400 446	3 989 315	324 784	22 632 570	17 269 813
15, 16, 17	Construction industries:								
15	Building construction—General contractors and operative builders:								
152	General contractors, residential buildings:								
1521	Single-family houses-----	4 697	21 006	16 263	335 214	229 483	27 570	2 294 671	1 596 712
1522	Other residential buildings-----	427	3 113	2 407	52 838	36 506	3 957	294 118	176 073
1531	Operative builders-----	617	5 841	3 338	130 779	61 913	6 143	(D)	(D)
154	General contractors, nonresidential buildings:								
1541	Industrial buildings and warehouses-----	318	7 009	5 476	176 571	112 717	9 249	(D)	(D)
1542	Nonresidential buildings, n.e.c.-----	1 390	22 163	16 865	553 862	378 283	30 106	3 932 849	1 786 395
16	Heavy construction other than building construction—contractors:								
1611	Highway and street construction-----	493	12 701	10 766	331 783	257 432	18 894	1 654 971	1 363 150
162	Heavy construction, except highway:								
1622	Bridge, tunnel, and elevated highway construction-----	65	3 425	2 855	106 762	80 690	5 237	461 661	337 280
1623	Water, sewer, and utility lines-----	292	8 888	7 375	226 202	172 976	14 151	695 293	638 537
1629	Heavy construction, n.e.c.-----	454	17 134	13 548	516 462	388 531	24 318	1 288 528	1 071 080
17	Special trade contractors:								
1711	Plumbing, heating, and air-conditioning-----	3 180	27 660	21 507	691 227	512 145	38 918	2 341 572	2 092 889
1721	Painting and paper hanging-----	1 457	8 015	6 857	150 709	122 308	10 652	400 263	378 512
1731	Electrical work-----	2 035	20 678	16 354	572 844	413 376	30 688	1 530 536	1 474 721
174	Masonry, stonework, tile setting, and plastering:								
1741	Masonry, stone setting, and other stonework-----	1 493	11 105	9 924	201 574	172 379	15 349	640 805	611 895
1742	Plastering, drywall, and insulation work-----	633	11 157	9 598	278 438	229 038	16 275	970 380	935 711
1743	Terrazzo, tile, marble, and mosaic work-----	164	976	804	22 228	17 608	1 247	76 729	74 641
175	Carpentry and floor work:								
1751	Carpentry-----	1 938	8 455	7 232	134 970	109 721	11 909	502 227	424 461
1752	Floor laying and other floor work-----	455	2 368	1 884	42 988	31 568	2 797	179 082	166 896
1761	Roofing, siding, and sheet metal work-----	1 396	10 865	8 761	203 067	147 107	13 699	726 695	684 001
1771	Concrete work-----	1 060	7 878	6 739	142 905	111 377	10 834	538 348	507 891
1781	Water well drilling-----	139	848	685	17 011	13 043	1 279	66 009	64 575
179	Miscellaneous special trade contractors:								
1791	Structural steel erection-----	139	3 512	3 082	74 578	58 119	4 791	234 520	221 504
1793	Glass and glazing work-----	148	1 362	959	32 335	21 397	1 512	114 932	109 322
1794	Excavation work-----	887	6 168	5 136	129 538	104 209	9 027	513 173	467 681
1795	Wrecking and demolition work-----	44	887	743	13 073	10 467	1 104	41 061	38 898
1796	Installing building equipment, n.e.c.-----	134	3 524	2 949	114 497	94 444	5 253	342 500	330 537
1799	Special trade contractors, n.e.c.-----	873	6 951	5 813	136 841	99 038	9 423	508 237	445 174
6552	Land subdividers and developers, n.e.c.-----	135	611	218	11 142	3 429	390	49 213	32 815

†In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity where no receipts were received.

1987—Con.						1982			Relative standard error of estimate (percent) for column—			1987 SIC code
Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub-contracted to others	Rental cost of machinery, equipment, and buildings	Capital expenditures, other than land	End-of-year gross book value of depreciable assets	All employees**	Total construction receipts†	Value added††				
I	J	K	L	M	N	O	P	Q	B	H	M	
11 065 791	6 769 229	5 362 757	318 060	427 950	2 688 025	194 058	13 670 606	7 048 422	(W)	1	2	15, 16, 17
												15
793 325	853 835	697 959	14 951	39 184	194 690	14 751	856 196	339 327	3	3	8	152
115 171	77 461	118 044	1 923	3 844	22 296	1 795	215 640	66 743	8	8	14	1522
368 615	365 378	623 426	4 595	23 111	139 186	2 820	251 332	89 176	4	(D)	7	1531
307 851	238 363	372 309	9 924	9 665	55 713	6 600	804 314	275 787	3	(D)	7	154
1 177 028	711 790	2 146 453	27 257	27 658	182 372	12 956	1 843 063	498 764	2	2	8	1542
												16
882 588	562 747	291 820	56 380	63 398	434 453	9 251	835 064	450 754	3	2	6	1611
232 990	132 397	124 381	9 989	18 551	135 480	2 065	203 934	93 988	1	1	7	162
474 065	192 301	56 755	22 948	37 318	191 498	9 373	572 710	377 648	2	2	6	1622
790 001	307 099	217 448	26 873	20 671	156 860	17 215	1 330 838	855 671	1	1	13	1623
												17
1 266 872	867 162	248 683	29 019	34 085	208 149	27 493	1 848 767	970 461	1	1	5	1711
300 946	81 092	21 750	6 788	7 178	45 612	7 433	272 783	204 085	3	3	12	1721
983 939	514 207	55 814	16 839	20 626	134 635	16 609	1 114 402	603 550	1	1	8	1731
403 016	210 310	28 909	6 894	12 178	58 682	7 453	295 665	191 008	3	4	10	174
611 532	342 828	34 669	8 497	6 897	40 211	8 085	429 162	290 852	3	2	10	1741
43 035	32 256	2 088	417	978	5 207	748	41 004	24 011	5	4	21	1742
												175
252 606	180 935	77 766	5 093	6 956	45 820	5 965	241 702	126 485	4	4	14	1751
94 272	79 634	12 186	1 717	2 033	20 132	1 402	76 517	38 330	6	6	25	1752
413 808	276 714	42 694	11 097	11 934	82 237	10 496	553 508	303 551	3	2	9	1761
302 757	211 565	30 457	9 767	21 276	119 307	6 102	322 471	186 596	3	3	7	1771
43 826	23 799	1 433	1 115	5 176	39 356	557	28 956	17 499	6	9	27	1781
												179
164 159	63 640	13 016	6 148	3 251	25 966	4 663	313 922	209 603	3	2	9	1791
61 024	61 459	5 609	1 653	2 797	10 684	2 274	147 645	102 287	8	6	15	1793
352 227	128 485	45 491	20 458	34 651	220 435	7 098	397 208	255 094	3	3	10	1794
40 535	6 354	2 163	2 639	1 663	27 232	554	29 813	21 125	5	4	13	1795
266 631	67 329	11 962	6 435	2 021	23 311	6 088	414 348	324 372	1	2	10	1796
299 360	167 196	63 062	8 268	10 120	57 404	3 670	207 286	117 257	4	4	11	1799
23 602	12 883	16 397	359	717	11 083	536	22 350	14 391	8	5	19	6552

Table 4. Detailed Statistics for Establishments With Payroll: 1987 and Earlier Census Years

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Item	1987	1982	1977	1972	Relative standard error of estimate (percent)			
					1987	1982	1977	1972
Number of establishments in business during year	25 075	20 613	24 340	22 661	1	1	2	2
Proprietors and working partners.....	9 157	10 094	17 067	16 710	2	2	2	3
All employees**	234 314	194 058	217 238	236 600	(W)	1	1	1
Construction workers:								
March.....	165 601	134 274	148 795	171 493	1	1	1	1
May.....	190 370	158 772	188 529	197 326	1	1	1	1
August.....	204 422	167 139	201 546	227 174	1	1	1	1
November.....	192 238	155 393	185 849	206 282	1	1	1	1
Average.....	188 158	156 080	181 302	202 764	(W)	1	1	1
Other employees:								
March.....	44 873	37 802	34 633	33 066	1	1	1	1
May.....	45 832	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
August.....	46 923	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
November.....	47 021	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
Average.....	46 162	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
Construction worker hours (thousands):								
January to March	68 460	54 599	(NA)	(NA)	1	1	(NA)	(NA)
April to June.....	81 944	65 321	(NA)	(NA)	1	1	(NA)	(NA)
July to September.....	90 235	69 954	(NA)	(NA)	1	1	(NA)	(NA)
October to December.....	84 143	64 506	(NA)	(NA)	1	1	(NA)	(NA)
Total hours worked.....	324 784	254 382	(NA)	(NA)	1	1	(NA)	(NA)
Payroll, all employees	5 400 446	3 780 060	2 921 623	2 465 140	(W)	(W)	(W)	1
Payroll, construction workers	3 989 315	2 929 698	2 307 389	2 029 371	(W)	(W)	(W)	1
Payroll, other employees	1 411 131	850 362	614 234	435 769	1	(W)	1	1
First quarter payroll, all employees	1 147 380	827 362	581 681	(NA)	(W)	(W)	(W)	(NA)
Employer costs for fringe benefits, all employees	1 337 407	735 937	568 176	(NA)	(W)	(W)	(W)	(NA)
Legally required expenditures.....	865 258	546 990	297 643	(NA)	1	(W)	(W)	(NA)
Voluntary expenditures.....	472 148	188 947	270 533	(NA)	1	1	(W)	(NA)
Dollar value of business done	23 428 622	14 151 852	10 606 024	8 202 274	1	(W)	(W)	1
Value of construction work ¹	22 632 570	13 670 606	10 166 864	7 891 853	1	(W)	(W)	1
Value of construction work subcontracted in from others	5 072 735	3 159 703	2 161 677	1 591 353	1	1	1	2
Land receipts ²	230 844	46 369	(NA)	(NA)	6	5	(NA)	(NA)
Other business receipts.....	565 207	434 875	439 160	310 421	2	1	1	4
Net value of construction†	17 269 813	10 716 736	8 104 608	6 237 022	1	(W)	(W)	1
Value added††	11 065 791	7 048 422	5 112 567	4 056 273	1	(W)	(W)	1
Selected costs	12 131 986	7 057 059	5 413 755	4 056 766	1	(W)	1	1
Materials, components, and supplies ³	6 435 872	3 860 118	3 170 413	2 401 935	1	1	1	1
Construction work subcontracted to others.....	5 362 757	2 953 870	2 062 256	1 654 831	1	1	1	1
Selected power, fuels, and lubricants.....	333 356	243 071	181 086	(NA)	1	1	1	(NA)
Electricity.....	51 368	36 213	25 079	(NA)	1	1	1	(NA)
Natural gas.....	12 310	15 256	13 145	(NA)	2	3	6	(NA)
Gasoline and diesel fuel	248 698	174 254	117 737	(NA)	1	1	1	(NA)
On highway use	186 904	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
Off highway use	61 793	(NA)	(NA)	(NA)	2	(NA)	(NA)	(NA)
Other, including lubricating oils and greases.....	20 979	17 346	25 127	(NA)	2	2	2	(NA)
Rental cost for machinery, equipment, and buildings	318 060	188 346	133 566	(NA)	1	1	1	(NA)
For machinery and equipment	228 738	136 972	112 217	99 676	1	1	1	4
For buildings.....	89 322	51 374	21 350	(NA)	2	2	1	(NA)
Selected purchased services	328 082	218 594	186 217	(NA)	1	1	1	(NA)
Communication services	94 740	61 054	42 828	(NA)	1	1	2	(NA)
Repairs to buildings and other structures	23 090	15 540	10 928	(NA)	3	3	3	(NA)
Repairs to machinery and equipment.....	210 250	142 000	132 461	(NA)	1	1	1	(NA)
Ownership of construction projects:								
Value of construction work	22 632 570	13 670 606	10 166 864	7 891 853	1	(W)	(W)	1
Government owned	3 998 631	2 547 396	1 878 659	2 463 857	1	2	(W)	1
Federal.....	894 746	(NA)	(NA)	(NA)	3	(NA)	(NA)	(NA)
State and local	3 103 884	(NA)	(NA)	(NA)	1	(NA)	(NA)	(NA)
Privately owned	18 633 938	11 123 209	8 288 205	5 427 996	1	1	1	1

¹In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity where no receipts were received.

²Data were collected separately for establishments classified in SIC 1531, Operative Builders and SIC 6552, Land Subdividers and Developers, Except Cemeteries. For all other industries, data are included in other business receipts.

³For 1972, includes data for power, fuels, and lubricants.

Table 5. Assets, Capital Expenditures, and Depreciation for Establishments With Payroll: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Item	1987	1982	Relative standard error of estimate (percent)	
			1987	1982
BUILDINGS AND OTHER STRUCTURES, MACHINERY, AND EQUIPMENT				
Beginning-of-year gross book value of depreciable assets -----	2 348 517	2 281 938	2	1
Capital expenditures, other than land -----	427 950	209 940	2	1
New -----	354 558	159 633	2	1
Used -----	73 391	50 307	3	3
Retirements and disposition of depreciable assets -----	88 443	88 262	4	3
End-of-year gross book value of depreciable assets -----	2 688 025	2 403 616	1	1
Depreciation charges during year -----	325 828	287 949	2	1
Buildings and Other Structures, Additions, and Related Facilities				
Beginning-of-year gross book value of depreciable assets -----	511 459	396 356	4	2
Capital expenditures, other than land -----	67 964	35 977	4	4
New buildings and other structures -----	52 113	29 707	5	3
Used buildings and other structures -----	15 850	6 270	8	7
Retirements and disposition of depreciable assets -----	16 040	12 021	9	12
End-of-year gross book value of depreciable assets -----	563 383	420 312	3	2
Depreciation charges during year -----	46 650	39 853	4	2
Machinery and Equipment				
Beginning-of-year gross book value of depreciable assets -----	1 837 058	1 885 581	2	1
Capital expenditures, other than land -----	359 986	173 963	2	1
New machinery and equipment, including automobiles and trucks -----	302 444	129 926	2	1
New automobiles and trucks, intended primarily for highway use -----	140 783	55 225	3	2
Used machinery and equipment, including automobiles and trucks -----	57 541	44 037	4	2
Retirements and disposition of depreciable assets -----	72 403	76 241	4	3
End-of-year gross book value of depreciable assets -----	2 124 641	1 983 303	2	1
Depreciation charges during year -----	279 177	248 096	2	1

Table 6. Value of Inventories for Establishments With Payroll: 1987 and 1986

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Item	Establishments with payroll	Relative standard error of estimate (percent)
All establishments:		
Number	25 075	1
Value of construction work	22 632 570	1
Establishments with inventories:		
Number	9 262	2
Value of construction work	11 183 721	1
Inventories ¹ :		
End of 1987, materials and supplies	277 349	6
End of 1986, materials and supplies	243 455	3
Establishments with no inventories:		
Number	12 272	2
Value of construction work	7 362 426	1
Establishments not reporting:		
Number	3 541	4
Value of construction work	4 086 423	2

¹Inventories at cost or market prior to any adjustment to correct to LIFO values.

Table 7. Selected Statistics for Establishments With Payroll by Employment Size Class: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Selected statistics	Total	Establishments with an average of—								
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 employees or more
1987										
Number of establishments -----	25 075	(S)	5 235	2 676	1 512	384	194	36	14	8
All employees** -----	234 314	(S)	33 481	35 522	44 425	26 077	28 726	12 618	8 901	14 788
Payroll, all employees -----	5 400 446	(S)	561 159	713 834	1 083 113	683 893	830 586	380 873	211 315	509 883
Construction worker hours (thousands) -----	324 784	(S)	42 966	47 161	62 851	38 031	41 771	18 341	12 462	20 858
Dollar value business done -----	23 428 622	(S)	2 587 433	3 277 161	4 808 052	3 031 682	3 586 659	1 708 306	738 450	1 123 881
Value of construction work ¹ -----	22 632 570	(S)	2 506 320	3 164 929	4 663 040	2 945 300	5 075 729	(D)	1 797 249	(D)
Net value of construction work† -----	17 269 813	(S)	2 051 067	2 441 763	3 466 486	2 132 458	2 403 924	1 324 943	517 906	920 730
Value added†† -----	11 065 791	(S)	1 210 036	1 489 866	2 144 950	1 412 185	1 642 945	962 156	390 875	672 519
Cost of materials, components, supplies, and fuels -----	6 769 229	(S)	889 441	1 017 649	1 433 409	792 383	871 843	414 331	440 324	(D)
Cost of construction work subcontracted to others -----	5 362 757	(S)	455 253	723 166	1 196 553	812 842	1 346 862	(D)	358 613	(D)
Rental cost for machinery, equipment, and buildings -----	318 060	(S)	34 416	38 121	65 624	45 250	57 129	30 233	10 939	15 154
Capital expenditures, other than land -----	427 950	(S)	68 232	63 452	96 269	45 382	47 890	30 228	16 297	(D)
End-of-year gross book value of depreciable assets -----	2 688 025	(S)	381 051	361 059	620 410	329 679	317 226	196 432	55 620	15 353
1982										
All employees** -----	194 058	27 054	22 854	24 442	31 160	19 908	25 529	10 892	8 825	23 393
Value of construction work ¹ -----	10 716 736	1 155 624	1 002 329	1 191 206	1 727 346	1 244 913	1 760 466	672 994	511 743	1 450 114
Value added†† -----	7 048 422	650 543	596 059	723 711	1 113 474	820 748	1 185 953	456 880	389 532	1 111 521
1987 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)										
All employees** -----	(W)	(S)	3	2	1	(W)	(W)	(W)	(W)	(W)
Net value of construction work† -----	1	(S)	3	2	1	(W)	(W)	(W)	(W)	(W)
Capital expenditures, other than land -----	2	(S)	8	7	3	1	3	(W)	(W)	(D)

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies.

¹In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity where no receipts were received.

Table 8. Selected Statistics by Size Class of Dollar Value of Business Done for Establishments With Payroll: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Selected statistics	Total	Establishments with dollar value of business done—									
		Less than \$25,000	\$25,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 to \$4,999,999	\$5,000,000 to \$9,999,999	\$10,000,000 or more
1987											
Number of establishments -----	25 075	(S)	(S)	(S)	(S)	4 239	2 750	2 207	882	398	343
All employees** -----	234 314	(S)	(S)	(S)	(S)	22 989	26 080	37 122	27 138	23 326	64 710
Payroll, all employees -----	5 400 446	(S)	(S)	(S)	(S)	367 961	484 555	804 213	699 079	614 990	2 034 373
Construction worker hours (thousands) -----	324 784	(S)	(S)	(S)	(S)	32 078	34 678	49 912	39 385	32 491	94 241
Dollar value of business done -----	23 428 622	(S)	(S)	(S)	(S)	1 483 943	1 912 569	3 427 220	3 009 571	2 745 864	9 285 401
Value of construction work ¹ -----	22 632 570	(S)	(S)	(S)	(S)	1 452 052	1 851 566	3 316 968	2 910 610	2 651 500	8 916 343
Net value of construction work† -----	17 269 813	(S)	(S)	(S)	(S)	1 294 079	1 606 609	2 694 091	2 242 822	1 944 820	6 072 454
Value added†† -----	11 065 791	(S)	(S)	(S)	(S)	768 077	960 153	1 660 830	1 403 029	1 237 784	4 176 039
Cost of materials, components, supplies, and fuels -----	6 769 229	(S)	(S)	(S)	(S)	552 622	685 790	1 104 377	904 436	775 087	2 165 653
Cost of construction work subcontracted to others -----	5 362 757	(S)	(S)	(S)	(S)	157 973	244 957	622 877	667 788	706 679	2 843 889
Rental cost for machinery, equipment, and buildings -----	318 060	(S)	(S)	(S)	(S)	19 521	29 480	42 254	42 930	44 252	123 464
Capital expenditures, other than land -----	427 950	(S)	(S)	(S)	(S)	46 991	44 894	83 283	57 233	38 272	113 123
End-of-year gross book value of depreciable assets -----	2 688 025	(S)	(S)	(S)	(S)	306 734	289 165	453 073	373 718	291 301	700 634
1982											
All employees** -----	194 058	2 887	3 977	8 375	21 327	18 409	17 512	25 339	18 150	14 793	63 287
Value of construction work ¹ -----	10 716 736	28 025	86 171	258 428	781 115	816 182	854 094	1 406 840	1 102 936	986 116	4 396 827
Value added†† -----	7 048 422	16 812	50 817	148 721	459 259	480 087	515 027	870 163	719 859	660 519	3 127 156
1987 RELATIVE STANDARD ERROR OF ESTIMATE (PERCENT)											
All employees** -----	(W)	(S)	(S)	(S)	(S)	3	3	2	1	1	(W)
Net value of construction work† -----	1	(S)	(S)	(S)	(S)	3	3	2	2	1	(W)
Capital expenditures, other than land -----	2	(S)	(S)	(S)	(S)	8	9	6	5	2	1

Note: Underscored data fields include data from adjoining columns which have been withheld to avoid disclosing data for individual companies.

¹In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity where no receipts were received.

Table 9. Value of Construction Work for Establishments With Payroll by Type of Construction: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Type of construction	Value of construction work ¹				Relative standard error of estimate (percent) for column—			
	Total	New construction	Additions, alterations, or reconstruction ²	Maintenance and repair	A	B	C	D
	A	B	C	D	A	B	C	D
1987								
Value of construction work ¹	22 632 570	13 455 428	5 601 811	2 643 440	1	1	1	1
Building construction	16 219 517	10 461 834	3 893 610	1 805 842	1	1	1	1
Single-family houses	5 271 472	3 865 930	904 597	500 945	2	2	3	3
Single-family houses, detached	4 154 983	2 939 358	791 082	424 543	2	3	3	3
Single-family houses, attached	1 116 489	926 571	113 515	76 402	5	5	13	7
Apartment buildings with two or more apartments	579 846	352 845	135 371	91 629	3	5	5	5
Other residential buildings, including hotels and motels	549 774	368 894	114 823	66 055	3	3	7	7
Hotels and motels	343 074	266 200	50 088	26 784	2	2	5	8
Other residential buildings, excluding hotels and motels	206 699	102 693	64 734	39 271	7	9	11	10
Office buildings	2 699 231	1 808 624	638 534	252 072	1	2	2	5
Other commercial buildings such as stores, restaurants, and automobile service stations	2 096 707	1 283 824	590 182	222 701	1	2	3	3
Industrial buildings and warehouses	2 490 260	1 479 629	601 072	409 558	1	1	2	2
Industrial buildings	1 930 265	1 048 141	514 340	367 782	1	1	2	2
Warehouses	559 995	431 487	86 731	41 776	3	3	3	4
Religious buildings	248 334	140 266	71 588	36 479	3	5	5	5
Educational buildings	650 095	305 606	270 842	73 645	1	1	2	4
Hospitals and institutional buildings	1 220 501	686 381	435 213	98 906	1	2	2	2
Farm buildings	80 299	48 541	20 092	11 666	15	22	23	8
Amusement, social, and recreational buildings	100 871	41 231	49 330	10 310	5	7	8	10
Other nonresidential buildings	173 894	80 063	61 966	31 876	9	6	21	15
Land development for buildings	58 233	(NA)	(NA)	(NA)	9	(NA)	(NA)	(NA)
Nonbuilding construction	5 539 394	2 993 594	1 708 201	837 598	1	1	1	2
Highways, streets, and related facilities	1 543 541	683 814	592 575	267 151	2	3	1	4
Outdoor swimming pools	128 041	121 297	*4 630	2 114	8	8	46	33
Parking areas including private driveways	169 328	106 294	30 116	32 917	7	7	10	11
Bridges, tunnels, and elevated highways	502 242	257 725	181 361	63 154	2	1	1	10
Tunnels	62 145	(D)	(D)	2 104	2	(D)	(D)	18
Bridges and elevated highways	440 097	(D)	(D)	61 050	2	(D)	(D)	11
Power and communication transmission lines, towers, and related facilities	382 905	198 187	100 993	83 724	2	2	2	2
Sewers, water mains, and related facilities	532 387	425 416	60 352	46 618	3	3	4	7
Sewers, sewer lines, and related facilities	343 488	277 260	39 104	27 122	3	4	4	5
Water mains and related facilities	188 899	148 155	21 247	19 496	4	4	8	15
Pipeline, other than sewer or water lines	109 635	77 499	13 871	18 264	3	3	4	9
Blast furnaces, petroleum refineries, and chemical complexes	373 353	108 256	215 649	49 447	1	1	1	4
Power plants	1 028 383	557 419	332 772	138 191	(W)	1	(W)	1
Power plants, nuclear	548 469	343 134	154 038	51 295	(W)	(W)	(W)	(W)
Power plants, except nuclear	479 914	214 285	178 733	86 896	1	1	(W)	1
Sewage treatment and water treatment plants	309 892	196 164	69 202	44 526	3	4	4	5
Sewage treatment plants	150 243	115 385	(D)	(D)	5	6	(D)	(D)
Water treatment plants	159 649	80 778	(D)	(D)	1	1	(D)	(D)
Earthmoving, nonbuilding	96 037	71 350	12 151	12 535	8	9	10	16
Other nonbuilding construction	363 650	190 172	94 529	78 956	7	8	15	12
Construction work, n.s.k.	873 658	(NA)	(NA)	(NA)	3	(NA)	(NA)	(NA)
1982								
Value of construction work ¹	13 670 606	10 210 856	(NA)	3 459 750	(W)	(W)	(NA)	1
Building construction	8 796 370	6 819 916	(NA)	1 976 454	1	(W)	(NA)	1
Single-family houses	1 832 446	1 289 906	(NA)	542 540	2	2	(NA)	3
Single-family houses, detached	1 495 865	1 042 897	(NA)	452 967	2	2	(NA)	2
Single-family houses, attached	336 581	247 008	(NA)	89 573	3	4	(NA)	5
Apartment buildings with two or more apartments	522 976	426 557	(NA)	96 419	2	2	(NA)	5
Other residential buildings, including hotels and motels	191 641	151 228	(NA)	40 413	2	2	(NA)	3
Office buildings	1 688 503	1 391 272	(NA)	297 231	1	1	(NA)	2
Other commercial buildings such as stores, restaurants, and automobile service stations	685 324	530 688	(NA)	154 636	1	2	(NA)	2
Industrial buildings and warehouses	2 141 196	1 620 632	(NA)	520 563	1	1	(NA)	1
Industrial buildings	1 876 650	1 404 465	(NA)	472 184	1	1	(NA)	2
Warehouses	264 545	216 166	(NA)	48 378	2	1	(NA)	3
Religious buildings	115 762	72 044	(NA)	43 718	3	3	(NA)	5
Educational buildings	432 852	325 985	(NA)	106 867	1	1	(NA)	3
Hospitals and institutional buildings	978 036	854 241	(NA)	123 795	1	1	(NA)	2
Amusement, social, and recreational buildings	74 807	61 269	(NA)	13 538	4	4	(NA)	7
Other nonresidential buildings	132 827	96 094	(NA)	36 734	3	3	(NA)	8
Nonbuilding construction	4 192 200	2 867 396	(NA)	1 324 803	(W)	(W)	(NA)	1
Highways, streets, and related facilities	976 239	613 845	(NA)	362 394	1	1	(NA)	2
Bridges, tunnels, and elevated highways	221 552	144 294	(NA)	77 257	1	1	(NA)	2
Power and communication transmission lines, towers, and related facilities	206 800	143 730	(NA)	63 070	2	2	(NA)	2
Sewers, water mains, and related facilities	302 619	258 064	(NA)	44 554	3	3	(NA)	7
Pipeline, other than sewer or water lines	137 902	106 942	(NA)	30 959	2	2	(NA)	1
Mass transit construction	87 597	73 054	(NA)	14 543	1	(W)	(NA)	6
Blast furnaces, petroleum refineries, and chemical complexes	500 181	251 573	(NA)	248 607	(W)	(W)	(NA)	1
Power plants	1 299 101	914 461	(NA)	384 639	(W)	(W)	(NA)	(W)
Sewage treatment and water treatment plants	199 934	183 564	(NA)	16 370	2	1	(NA)	9
Other nonbuilding construction	260 275	177 868	(NA)	82 410	4	4	(NA)	9
Construction work, n.s.k.	682 035	523 543	(NA)	158 492	3	3	(NA)	3

¹In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity where no receipts were received.
²In 1982, data for additions, alterations, or reconstruction were not collected separately. These data are included with "New construction".

Table 10. Quarterly Construction Worker Hours and Employment With Payroll by Industry:

[Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Industry	Number of establishments	Average number of construction workers	Construction worker hours (thousands)	January to March		April to June	
					Construction workers ¹	Hours worked (thousands)	Construction workers ¹	Hours worked (thousands)
		A	B	C	D	E	F	G
	Construction industries and land subdividers and developers -----	25 075	188 158	324 784	165 601	68 460	190 370	81 944
15, 16, 17	Construction Industries:							
15	Building construction—General contractors and operative builders:							
152	General contractors, residential buildings:							
1521	Single-family houses -----	4 697	16 263	27 570	13 915	5 554	16 249	7 080
1522	Other residential buildings -----	427	2 407	3 957	2 186	865	2 437	967
1531	Operative builders -----	617	3 338	6 143	3 119	1 384	3 339	1 544
154	General contractors, nonresidential buildings:							
1541	Industrial buildings and warehouses -----	318	5 476	9 249	4 950	2 072	5 370	2 300
1542	Nonresidential buildings, n.e.c. -----	1 390	16 865	30 106	15 344	6 606	16 731	7 555
16	Heavy construction other than building construction—contractors:							
1611	Highway and street construction -----	493	10 766	18 894	6 709	2 584	11 521	4 988
162	Heavy construction, except highway:							
1622	Bridge, tunnel, and elevated highway construction -----	65	2 855	5 237	1 969	812	3 099	1 465
1623	Water, sewer, and utility lines -----	292	7 375	14 151	6 413	2 834	7 447	3 538
1629	Heavy construction, n.e.c. -----	454	13 548	24 318	13 458	5 721	13 724	6 038
17	Special trade contractors:							
1711	Plumbing, heating, and air-conditioning ----	3 180	21 507	38 918	20 474	9 058	21 140	9 487
1721	Painting and paper hanging -----	1 457	6 857	10 652	5 750	2 176	7 105	2 740
1731	Electrical work -----	2 035	16 354	30 688	15 892	7 290	16 208	7 607
174	Masonry, stonework, tile setting, and plastering:							
1741	Masonry, stone setting, and other stonework -----	1 493	9 924	15 349	7 827	2 692	10 112	3 958
1742	Plastering, drywall, and insulation work --	633	9 598	16 275	9 586	4 031	9 809	4 107
1743	Terrazzo, tile, marble, and mosaic work -	164	804	1 247	722	282	798	306
175	Carpentry and floor work:							
1751	Carpentry -----	1 938	7 232	11 909	6 451	2 529	7 454	3 018
1752	Floor laying and other floor work -----	455	1 884	2 797	1 905	672	1 878	696
1761	Roofing, siding, and sheet metal work -----	1 396	8 761	13 699	7 504	2 785	8 769	3 424
1771	Concrete work -----	1 060	6 739	10 834	4 278	1 551	7 288	2 858
1781	Water well drilling -----	139	685	1 279	613	277	699	316
179	Miscellaneous special trade contractors:							
1791	Structural steel erection -----	139	3 082	4 791	2 875	1 112	2 955	1 163
1793	Glass and glazing work -----	148	959	1 512	856	361	912	372
1794	Excavation work -----	887	5 136	9 027	4 197	1 705	5 347	2 313
1795	Wrecking and demolition work -----	44	743	1 104	720	259	727	275
1796	Installing building equipment, n.e.c. -----	134	2 949	5 253	2 743	1 168	3 023	1 308
1799	Special trade contractors, n.e.c. -----	873	5 813	9 423	4 917	1 968	6 006	2 414
6552	Land subdividers and developers, n.e.c. --	135	218	390	218	98	212	95

¹Construction workers during pay periods including 12th of March, May, August, and November.

July to September		October to December		Relative standard error of estimate (percent) for column—										1987 SIC code
Construction workers¹	Hours worked (thousands)	Construction workers¹	Hours worked (thousands)											
H	I	J	K	B	C	D	E	F	G	H	I	J	K	
204 422	90 235	192 238	84 143	(W)	1	1	1	1	1	1	1	1	1	15, 16, 17
														15
18 355 2 549	7 831 1 087	16 534 2 458	7 104 1 036	3 8	4 11	3 8	4 11	3 8	4 11	3 8	4 11	3 9	4 11	152 1521 1522
3 646	1 708	3 247	1 505	6	7	7	8	6	7	6	8	6	8	1531
														154
6 011 18 313	2 524 8 311	5 576 17 073	2 351 7 633	3 2	4 2	3 2	4 2	3 2	4 2	3 2	4 2	3 2	4 3	1541 1542
														16
13 221	6 128	11 616	5 193	3	3	2	2	2	3	3	3	4	3	1611
														162 1622
3 468 7 904 12 749	1 676 3 898 6 156	2 882 7 734 14 263	1 284 3 879 6 401	1 2 1	4 2 2	1 2 1	3 2 1	1 2 1	4 2 2	1 2 1	5 3 2	1 2 1	4 2 2	1623 1629
														17
22 449	10 182	21 965	10 190	1	2	1	2	1	2	1	2	1	2	1711
7 918	3 206	6 662	2 528	3	4	4	4	3	4	3	4	3	4	1721
16 802	7 996	16 512	7 794	1	2	1	2	2	2	2	2	2	2	1731
														174
														1741
11 216 9 621 856	4 504 4 183 325	10 542 9 379 840	4 194 3 952 333	3 3 4	4 3 5	3 2 5	4 3 6	3 3 4	4 4 6	3 3 5	4 4 6	3 3 5	4 3 6	1742 1743
8 120 1 927	3 342 735	6 902 1 826	3 019 692	4 6	5 8	4 6	5 8	4 7	5 8	4 7	5 8	4 7	5 9	175 1751 1752
9 996	4 028	8 775	3 461	3	3	3	4	3	4	3	4	3	4	1761
7 986	3 357	7 407	3 066	3	4	4	5	3	4	3	4	3	5	1771
717	350	711	334	7	9	7	10	8	10	7	10	8	9	1781
														179
3 284 1 056 5 701 798 3 054 6 458	1 268 394 2 598 295 1 378 2 660	3 216 1 012 5 298 727 2 975 5 886	1 246 383 2 410 274 1 397 2 379	2 9 3 5 1 4	3 5 5 4 2 6	2 7 4 4 1 5	3 5 5 4 2 6	2 6 4 5 1 5	3 5 5 4 2 6	3 12 4 5 2 5	4 5 5 4 3 6	3 12 4 4 3 4	4 5 4 6 1 5	1791 1793 1794 1795 1796 1799
234	102	206	93	14	20	14	20	16	21	14	21	13	21	6552

Table 11. Selected Industry Ratios for Establishments With Payroll in This State: 1987

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Industry	Average number of employees** per estab- lishment	Payroll per employee (\$1,000)	Construction worker hours per construction worker	Value of construction work per construction worker (\$1,000)	Average per dollar of value of construction work			
						Payroll, all employees	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Rental cost for machinery, equipment, and buildings
	Construction industries and land subdividers and developers	9.3	23.0	1 726.1	120.3	.239	.299	.237	.014
15, 16, 17	Construction industries:								
15	Building construction—General contractors and operative builders:								
152	General contractors, residential buildings:								
1521	Single-family houses	4.5	16.0	1 695.3	141.1	.146	.372	.304	.007
1522	Other residential buildings	7.3	17.0	1 644.0	122.2	.180	.263	.401	.007
1531	Operative builders	9.5	22.4	1 840.3	(D)	(D)	(D)	(D)	(D)
154	General contractors, nonresidential buildings:								
1541	Industrial buildings and warehouses	22.0	25.2	1 689.0	(D)	(D)	(D)	(D)	(D)
1542	Nonresidential buildings, n.e.c.	15.9	25.0	1 785.1	233.2	.141	.181	.546	.007
16	Heavy construction other than building construction—contractors:								
1611	Highway and street construction	25.8	26.1	1 755.0	153.7	.200	.340	.176	.034
162	Heavy construction, except highway:								
1622	Bridge, tunnel, and elevated highway construction	52.7	31.2	1 834.3	161.7	.231	.287	.269	.022
1623	Water, sewer, and utility lines	30.4	25.5	1 918.8	94.3	.325	.277	.082	.033
1629	Heavy construction, n.e.c.	37.7	30.1	1 795.0	95.1	.401	.238	.169	.021
17	Special trade contractors:								
1711	Plumbing, heating, and air-conditioning	8.7	25.0	1 809.6	108.9	.295	.370	.106	.012
1721	Painting and paper hanging	5.5	18.8	1 553.4	58.4	.377	.203	.054	.017
1731	Electrical work	10.2	27.7	1 876.5	93.6	.374	.336	.036	.011
174	Masonry, stonework, tile setting, and plastering:								
1741	Masonry, stone setting, and other stonework	7.4	18.2	1 546.7	64.6	.315	.328	.045	.011
1742	Plastering, drywall, and insulation work	17.6	25.0	1 695.7	101.1	.287	.353	.036	.009
1743	Terrazzo, tile, marble, and mosaic work	6.0	22.8	1 551.0	95.4	.290	.420	.027	.005
175	Carpentry and floor work:								
1751	Carpentry	4.4	16.0	1 646.7	69.4	.269	.360	.155	.010
1752	Floor laying and other floor work	5.2	18.2	1 484.6	95.1	.240	.445	.068	.010
1761	Roofing, siding, and sheet metal work	7.8	18.7	1 563.6	82.9	.279	.381	.059	.015
1771	Concrete work	7.4	18.1	1 607.7	79.9	.265	.393	.057	.018
1781	Water well drilling	6.1	20.1	1 867.2	96.4	.258	.361	.022	.017
179	Miscellaneous special trade contractors:								
1791	Structural steel erection	25.3	21.2	1 554.5	76.1	.318	.271	.056	.026
1793	Glass and glazing work	9.2	23.7	1 576.6	119.8	.281	.535	.049	.014
1794	Excavation work	7.0	21.0	1 757.6	99.9	.252	.250	.089	.040
1795	Wrecking and demolition work	20.2	14.7	1 485.9	55.3	.318	.155	.053	.064
1796	Installing building equipment, n.e.c.	26.3	32.5	1 781.3	116.1	.334	.197	.035	.019
1799	Special trade contractors, n.e.c.	8.0	19.7	1 621.0	87.4	.269	.329	.124	.016
6552	Land subdividers and developers, n.e.c.	4.5	18.2	1 789.0	225.7	.226	.262	.333	.007

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
15,16, 17	ALLENTOWN-BETHLEHEM, PA- NJ MSA											
	Construction industries and land subdividers and developers	1 937	12 957	271 514	1 179 021	955 432	574 887	409 184	223 590	25 641	2	2
	Construction Industries:											
	Building construction—General contractors and operative builders:											
	152 General contractors, residential buildings:											
	1521 Single-family houses	383	1 853	30 845	271 714	187 983	85 377	106 640	83 731	3 632	8	10
	1522 Other residential buildings	19	248	5 269	22 466	13 592	8 502	(D)	8 874	91	28	25
	1531 Operative builders	54	291	6 813	47 852	21 534	13 278	10 031	26 318	402	16	16
	154 General contractors, nonresidential buildings:											
	1541 Industrial buildings and warehouses	25	295	5 639	41 286	21 826	13 776	8 854	19 460	342	9	8
	1542 Nonresidential buildings, n.e.c.	57	644	15 230	80 648	48 231	29 952	18 828	32 418	816	12	8
	16 Heavy construction other than building construction—contractors:											
	1611 Highway and street construction	35	466	10 554	64 154	53 079	31 708	25 270	11 075	2 921	9	5
	162 Heavy construction, except highway: 1622 Bridge, tunnel, and elevated highway construction	4	179	5 952	(D)	(D)	(D)	(D)	(D)	1 204	(W)	(D)
	1623 Water, sewer, and utility lines	11	235	6 105	15 885	14 377	10 281	4 144	1 508	861	(W)	(W)
	1629 Heavy construction, n.e.c.	7	56	1 304	4 389	4 218	3 087	(D)	171	(D)	(W)	(W)
	17 Special trade contractors:											
	1711 Plumbing, heating, and air- conditioning	222	1 504	34 305	125 352	117 807	65 829	54 487	7 546	2 343	6	7
	1721 Painting and paper hanging	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	1731 Electrical work	144	1 300	37 061	83 305	81 897	55 014	(D)	1 408	1 442	4	4
	174 Masonry, stonework, tile setting, and plastering:											
	1741 Masonry, stone setting, and other stonework	124	525	8 495	27 428	25 362	16 388	8 992	*2 066	332	13	12
	1742 Plastering, drywall, and insulation work	65	974	22 737	69 892	66 651	43 015	25 646	3 242	424	6	6
	1743 Terrazzo, tile, marble, and mosaic work	19	71	1 853	4 803	4 688	2 978	(D)	115	-	9	7
	175 Carpentry and floor work:											
	1751 Carpentry	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	1752 Floor laying and other floorwork	41	151	2 483	12 724	11 241	6 098	(D)	1 483	78	17	16
	1761 Roofing, siding, and sheet metal work	116	794	12 339	45 622	43 403	26 241	17 563	2 219	1 055	14	12
	1771 Concrete work	81	662	12 216	48 547	47 995	24 206	24 219	*551	1 885	7	10
	1781 Water well drilling	8	*47	*1 029	*5 049	(D)	*3 637	*1 406	(D)	(S)	44	(D)
	179 Miscellaneous special trade contractors:											
	1791 Structural steel erection	14	609	14 673	50 575	(D)	28 782	15 568	(D)	452	(W)	(D)
	1793 Glass and glazing work	4	10	(D)	696	(D)	438	457	(D)	(D)	(W)	(D)
	1794 Excavation work	98	449	9 820	40 345	36 977	30 648	7 492	3 368	3 505	13	14
	1795 Wrecking and demolition work	*3	*25	*503	*1 606	*1 577	*1 576	(D)	(S)	(D)	51	52
	1796 Installing building equipment, n.e.c.	6	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(W)	(D)
	1799 Special trade contractors, n.e.c.	58	335	6 578	25 396	22 517	12 853	9 821	*2 878	348	21	18
6552	Land subdividers and developers, n.e.c.	8	57	1 048	3 925	2 934	2 703	358	991	(D)	(W)	(W)
15,16, 17	HARRISBURG-LEBANON- CARLISLE, PA MSA											
	Construction industries and land subdividers and developers	1 136	11 083	247 428	1 289 390	1 023 095	621 577	439 749	266 296	26 129	2	2
	Construction Industries:											
	Building construction—General contractors and operative builders:											
	152 General contractors, residential buildings:											
	1521 Single-family houses	209	917	16 897	148 173	103 543	46 615	59 729	44 630	2 488	11	11
	1522 Other residential buildings	37	*150	*2 110	8 564	6 430	3 834	(D)	2 134	(S)	41	36
	1531 Operative builders	32	204	3 087	25 243	18 710	10 884	8 232	*6 533	*127	35	35
	154 General contractors, nonresidential buildings:											
	1541 Industrial buildings and warehouses	18	327	6 806	25 672	21 863	14 123	8 271	3 809	290	14	13
	1542 Nonresidential buildings, n.e.c.	63	1 312	34 484	268 058	112 780	59 857	54 181	155 279	1 109	5	3

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	HARRISBURG-LEBANON- CARLISLE, PA MSA—Con.											
	Construction industries and land subdividers and developers—Con.											
15,16, 17 16	Construction industries—Con.											
	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	13	444	12 737	51 077	(D)	22 438	21 548	(D)	2 953	4	(D)
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction-----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1623	Water, sewer, and utility lines -----	*19	320	7 853	31 358	29 982	18 604	11 959	1 376	1 621	7	5
1629	Heavy construction, n.e.c. -----	28	327	7 837	26 898	23 382	15 517	8 174	3 516	1 851	6	6
17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning-----	133	1 512	35 673	130 286	117 175	66 823	55 954	13 111	3 433	6	5
1721	Painting and paper hanging-----	50	200	4 151	11 184	10 833	8 944	2 073	351	181	9	7
1731	Electrical work -----	92	953	21 244	68 932	66 201	37 070	30 473	2 731	2 037	10	8
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework -----	88	886	15 064	46 697	46 418	32 151	(D)	279	1 772	12	16
1742	Plastering, drywall, and insulation work -----	51	904	22 925	(D)	(D)	(D)	90 886	*2 531	*588	13	(D)
1743	Terrazzo, tile, marble, and mosaic work -----	*11	107	3 648	12 080	12 023	7 069	4 954	57	(D)	21	18
175	Carpentry and floor work:											
1751	Carpentry -----	62	195	3 330	10 987	10 294	6 509	(D)	693	95	20	13
1752	Floor laying and other floorwork-----	19	82	1 301	7 216	6 736	3 590	(D)	480	*92	9	10
1761	Roofing, siding, and sheet metal work -----	75	514	8 794	30 221	29 060	17 919	11 883	1 161	632	6	6
1771	Concrete work -----	46	194	2 962	12 393	12 158	7 867	4 325	*235	1 204	15	16
1781	Water well drilling -----	8	82	(D)	4 814	(D)	3 278	1 549	(D)	(D)	22	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	4	38	585	1 702	(D)	1 255	483	(D)	200	(W)	(D)
1793	Glass and glazing work -----	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1794	Excavation work -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1795	Wrecking and demolition work -----	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1796	Installing building equipment, n.e.c. -----	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1799	Special trade contractors, n.e.c. -----	26	170	3 072	9 212	8 435	5 395	4 638	*777	*48	19	27
6552	Land subdividers and developers, n.e.c. -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	PHILADELPHIA-WILMINGTON- TRENTON, PA-NJ-DE-MD CMSA											
	Construction industries and land subdividers and developers-----	12 802	132 471	3 207 777	13 043 124	9 732 116	6 288 303	3 783 122	3 311 008	240 638	1	1
15,16, 17	Construction industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	2 082	9 940	173 152	1 051 393	721 744	407 479	334 092	329 649	13 324	4	5
1522	Other residential buildings -----	228	1 631	29 263	190 891	100 981	67 741	43 730	89 910	1 804	10	10
1531	Operative builders -----	341	4 207	107 173	1 130 234	582 370	300 916	302 206	547 864	16 289	4	5
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses -----	168	2 578	63 437	412 122	226 178	137 310	99 998	185 944	2 938	5	5
1542	Nonresidential buildings, n.e.c. -----	687	11 284	306 640	2 284 043	962 137	702 396	372 699	1 321 906	13 890	3	3
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	212	5 692	152 809	685 197	552 328	348 651	227 758	132 869	37 203	4	4
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction-----	21	997	32 566	170 603	123 738	84 645	(D)	46 865	2 805	2	1
1623	Water, sewer, and utility lines -----	122	6 189	161 847	437 905	393 011	297 960	(D)	44 894	26 467	2	1
1629	Heavy construction, n.e.c. -----	203	9 557	323 618	745 718	624 776	410 704	220 234	120 942	15 885	1	2

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	PHILADELPHIA-WILMINGTON- TRENTON, PA-NJ-DE-MD CMSA—Con.											
	Construction industries and land subdividers and developers—Con.											
15,16, 17	Construction Industries—Con.											
	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning-----	1 729	16 142	425 776	1 403 246	1 253 847	754 345	520 208	149 399	23 256	1	1
1721	Painting and paper hanging-----	734	4 531	92 084	236 952	223 656	178 325	47 418	13 296	3 786	3	3
1731	Electrical work -----	1 212	12 020	330 524	896 389	867 406	543 517	337 961	28 983	10 438	2	1
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework -----	597	5 667	119 254	335 410	316 966	210 495	107 078	18 444	6 129	4	3
1742	Plastering, drywall, and insulation work -----	317	5 891	143 653	418 298	387 236	238 201	153 476	31 062	4 315	4	3
1743	Terrazzo, tile, marble, and mosaic work -----	106	620	13 091	45 767	44 838	27 264	17 832	930	767	6	4
175	Carpentry and floor work:											
1751	Carpentry -----	1 044	4 991	90 258	317 539	267 875	169 084	104 269	49 664	3 307	4	5
1752	Floor laying and other floorwork-----	270	1 555	29 225	112 293	104 101	60 491	48 051	8 192	971	8	7
1761	Roofing, siding, and sheet metal work -----	839	6 637	129 563	492 062	454 278	281 995	176 886	37 784	7 537	4	5
1771	Concrete work -----	573	6 612	124 838	452 752	417 815	253 483	168 328	34 937	13 861	5	4
1781	Water well drilling -----	56	364	7 786	30 160	29 202	18 464	11 272	958	1 163	11	13
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	103	3 362	63 999	188 472	180 713	145 049	45 162	7 759	3 843	3	4
1793	Glass and glazing work -----	75	829	22 041	73 521	68 412	38 760	34 864	5 109	1 478	10	6
1794	Excavation work -----	373	3 600	79 974	326 209	294 906	210 727	89 597	31 303	17 494	5	4
1795	Wrecking and demolition work -----	28	786	12 012	37 718	35 585	35 921	6 124	2 133	1 836	2	2
1796	Installing building equipment, n.e.c.-----	81	1 977	70 193	170 963	166 702	127 040	40 929	4 261	1 406	3	3
1799	Special trade contractors, n.e.c.-----	528	4 531	96 840	363 608	310 577	215 471	107 882	53 032	7 414	5	4
6552	Land subdividers and developers, n.e.c. -----	73	281	6 163	33 659	20 739	21 872	4 719	12 920	1 033	21	31
	PHILADELPHIA, PA-NJ PMSA											
	Construction industries and land subdividers and developers-----	10 366	108 952	2 685 354	10 782 241	8 120 392	5 230 625	3 108 282	2 661 850	192 990	1	1
15,16, 17	Construction industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	1 604	7 573	134 868	826 324	558 445	320 135	256 383	267 879	11 295	4	5
1522	Other residential buildings -----	194	1 245	21 859	146 192	80 588	50 928	34 954	65 604	1 100	12	11
1531	Operative builders -----	255	3 367	87 490	960 530	494 199	263 486	246 656	466 331	12 288	4	6
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses -----	127	2 137	54 152	357 559	197 153	122 716	84 724	160 406	2 309	5	5
1542	Nonresidential buildings, n.e.c.-----	614	9 396	253 544	1 824 960	802 375	552 225	288 663	1 022 585	12 268	3	3
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	156	3 909	112 590	501 013	413 344	271 482	157 426	87 669	30 014	6	6
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction-----	17	949	31 186	165 097	120 104	82 649	(D)	44 993	2 793	(W)	(W)
1623	Water, sewer, and utility lines -----	102	5 110	139 099	367 624	338 540	254 889	(D)	29 084	20 188	2	2
1629	Heavy construction, n.e.c. -----	158	8 612	288 855	666 114	549 873	355 937	198 507	116 241	14 358	1	2

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
15,16, 17	PHILADELPHIA, PA-NJ PMSA— Con.											
	Construction industries and land subdividers and developers—Con.											
	Construction industries—Con.											
	Special trade contractors:											
	1711 Plumbing, heating, and air- conditioning	1 426	13 173	354 702	1 170 725	1 050 239	632 762	432 629	120 487	16 517	2	2
	1721 Painting and paper hanging	587	3 802	78 376	202 224	190 229	150 892	41 014	11 994	3 340	4	3
	1731 Electrical work	986	9 868	278 273	741 544	716 068	446 978	282 416	25 476	9 160	2	1
	174 Masonry, stonework, tile setting, and plastering:											
	1741 Masonry, stone setting, and other stonework	463	4 429	96 552	272 846	257 896	171 333	87 106	14 950	4 524	3	3
	1742 Plastering, drywall, and insulation work	252	5 044	125 333	368 203	342 201	208 975	136 737	26 002	3 383	4	3
	1743 Terrazzo, tile, marble, and mosaic work	85	528	10 413	38 123	37 481	22 791	14 948	641	551	6	4
	175 Carpentry and floor work:											
	1751 Carpentry	866	4 311	79 662	282 159	238 433	149 969	92 687	43 726	2 963	4	5
	1752 Floor laying and other floorwork	227	1 385	26 080	101 737	94 034	54 475	43 548	7 703	823	9	7
	1761 Roofing, siding, and sheet metal work	705	5 538	106 346	411 676	378 497	234 922	147 890	33 180	6 057	4	5
	1771 Concrete work	488	5 593	103 166	370 008	346 442	209 421	140 493	23 565	10 763	6	4
	1781 Water well drilling	37	271	5 968	22 143	21 242	13 086	8 437	901	925	8	7
	179 Miscellaneous special trade contractors:											
	1791 Structural steel erection	75	2 827	53 252	150 162	143 798	122 434	30 582	6 364	3 239	3	4
	1793 Glass and glazing work	69	755	20 258	67 779	62 739	35 429	32 199	5 040	1 415	11	7
	1794 Excavation work	295	2 596	61 279	249 904	222 840	160 972	65 991	27 063	12 736	5	5
	1795 Wrecking and demolition work	22	728	10 976	34 080	32 137	32 796	5 666	1 943	1 704	2	2
	1796 Installing building equipment, n.e.c.	69	1 669	60 598	145 724	142 158	107 545	35 468	3 566	1 249	3	4
	1799 Special trade contractors, n.e.c.	444	4 020	87 850	329 603	283 819	195 797	98 613	45 785	6 851	6	4
6552	Land subdividers and developers, n.e.c.	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
15,16, 17	TRENTON, NJ PMSA											
	Construction industries and land subdividers and developers	712	5 099	122 896	647 303	397 091	289 028	185 361	250 211	7 917	3	4
	(See appropriate State for SIC detail.)											
	VINELAND-MILLVILLE- BRIDGETON, NJ PMSA											
	Construction industries and land subdividers and developers	376	2 586	56 324	227 641	176 164	114 152	65 658	51 477	4 685	3	3
	(See appropriate State for SIC detail.)											
	WILMINGTON, DE-NJ-MD PMSA											
	Construction industries and land subdividers and developers	1 348	15 834	343 204	1 385 939	1 038 468	654 498	423 821	347 470	35 046	2	2
	(See appropriate State for SIC detail.)											
	PITTSBURGH-BEAVER VALLEY, PA CMSA											
15,16, 17	Construction industries and land subdividers and developers	4 546	52 316	1 281 414	5 191 802	3 978 870	2 715 364	1 415 807	1 212 932	80 841	1	1
	Construction Industries:											
	Building construction—General contractors and operative builders:											
	152 General contractors, residential buildings:											
	1521 Single-family houses	721	2 920	43 963	259 372	195 826	107 224	93 880	63 546	4 542	8	9
	1522 Other residential buildings	89	619	11 522	42 658	25 408	23 665	(D)	17 250	1 187	17	16
	1531 Operative builders	128	769	16 860	176 351	100 802	43 717	57 787	75 549	1 067	15	17
	154 General contractors, nonresidential buildings:											
	1541 Industrial buildings and warehouses	56	2 164	67 370	252 125	158 463	84 845	74 522	93 661	*901	3	3
	1542 Nonresidential buildings, n.e.c.	300	6 146	157 635	1 032 283	480 324	329 188	191 820	551 958	7 145	3	2

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	PITTSBURGH-BEAVER VALLEY, PA CMSA—Con.											
	Construction Industries and land subdividers and developers—Con.											
15,16, 17 16	Construction Industries—Con.											
	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	122	3 988	101 299	601 234	477 109	320 904	203 030	124 125	17 060	5	3
162 1622	Heavy construction, except highway: Bridge, tunnel, and elevated highway construction-----	24	802	22 649	94 831	68 224	45 243	(D)	26 607	2 591	4	3
1623	Water, sewer, and utility lines -----	89	1 474	35 216	125 489	116 947	87 227	34 784	8 542	6 629	5	5
1629	Heavy construction, n.e.c. -----	103	4 693	116 579	403 202	319 001	238 363	99 859	84 201	6 976	2	2
17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning-----	589	6 767	186 205	601 015	518 434	346 102	177 160	82 581	7 598	2	2
1721	Painting and paper hanging-----	346	2 070	40 145	101 959	96 697	77 702	20 276	5 262	1 539	7	6
1731	Electrical work -----	328	5 493	168 163	423 703	411 260	317 207	96 272	12 443	2 653	3	2
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework-----	240	2 083	39 455	131 392	124 236	82 616	42 066	7 156	(D)	8	12
1742	Plastering, drywall, and insulation work -----	119	2 051	45 873	135 277	129 021	87 611	43 201	6 256	2 028	6	5
1743	Terrazzo, tile, marble, and mosaic work -----	32	140	3 201	10 227	9 815	4 834	(D)	412	(D)	9	11
175	Carpentry and floor work:											
1751	Carpentry-----	277	1 980	32 152	96 587	85 392	50 797	37 021	11 194	1 026	5	9
1752	Floor laying and other floorwork-----	98	501	8 645	37 313	35 322	21 751	14 109	1 991	*493	13	12
1761	Roofing, siding, and sheet metal work -----	245	2 346	52 345	176 471	167 977	107 154	60 954	8 495	2 676	5	3
1771	Concrete work -----	207	1 050	16 940	65 372	62 710	40 993	21 883	2 661	2 996	10	8
1781	Water well drilling -----	26	204	4 397	16 233	15 892	10 052	6 716	341	603	8	22
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	25	390	17 694	65 627	64 549	49 146	(D)	1 078	(D)	1	1
1793	Glass and glazing work -----	37	196	4 110	16 637	16 253	8 385	9 411	385	*365	18	16
1794	Excavation work -----	127	800	18 036	67 641	60 228	44 057	17 562	7 413	3 987	10	6
1795	Wrecking and demolition work -----	13	96	1 338	4 404	(D)	4 978	284	(D)	76	(W)	(D)
1796	Installing building equipment, n.e.c. -	21	1 024	36 624	133 703	(D)	112 532	16 346	(D)	318	(W)	(D)
1799	Special trade contractors, n.e.c.-----	153	1 395	30 239	111 646	100 463	64 404	38 029	11 182	2 201	7	8
6552	Land subdividers and developers, n.e.c. -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	BEAVER COUNTY, PA PMSA											
	Construction Industries and land subdividers and developers-----	210	1 786	41 341	142 484	115 711	77 879	44 549	26 773	4 561	4	5
15,16, 17	Construction Industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses -----	33	90	*1 131	8 515	6 515	2 423	(D)	2 000	*128	38	27
1522	Other residential buildings -----	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1531	Operative builders -----	*8	(S)	(S)	(S)	(S)	*428	(S)	(S)	(S)	(S)	(S)
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses-----	6	77	2 282	6 291	5 613	4 723	1 054	678	*49	12	6
1542	Nonresidential buildings, n.e.c. -----	10	72	2 084	10 800	5 616	3 560	2 060	5 184	62	7	7
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction -----	*8	74	1 494	4 169	(D)	3 397	945	(D)	*536	36	(D)
162 1622	Heavy construction, except highway: Bridge, tunnel, and elevated highway construction-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1623	Water, sewer, and utility lines -----	4	61	968	2 297	(D)	2 059	(D)	(D)	(D)	(W)	(D)
1629	Heavy construction, n.e.c. -----	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
											B	E
	BEAVER COUNTY, PA PMSA— Con.											
	Construction industries and land subdividers and developers—Con. Construction industries—Con.											
15,16, 17 17	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning-----	23	531	(D)	36 986	(D)	20 940	11 485	(D)	553	1	(D)
1721	Painting and paper hanging-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1731	Electrical work-----	*9	*67	1 378	5 313	4 661	3 239	1 463	(S)	(S)	41	30
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework-----	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1742	Plastering, drywall, and insulation work-----	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1743	Terrazzo, tile, marble, and mosaic work-----	-	-	-	-	-	-	-	-	-	-	-
175	Carpentry and floor work:											
1751	Carpentry-----	*15	*84	*1 352	*7 202	*6 701	*2 794	*3 907	501	(S)	51	63
1752	Floor laying and other floorwork-----	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1761	Roofing, siding, and sheet metal work-----	11	92	1 155	5 046	(D)	2 790	1 910	(D)	(D)	15	(D)
1771	Concrete work-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1781	Water well drilling-----	5	13	233	(D)	(D)	477	388	(D)	*52	20	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1793	Glass and glazing work-----	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1794	Excavation work-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1795	Wrecking and demolition work-----	-	-	-	-	-	-	-	-	-	-	-
1796	Installing building equipment, n.e.c.-----	-	-	-	-	-	-	-	-	-	-	-
1799	Special trade contractors, n.e.c.-----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
6552	Land subdividers and developers, n.e.c.-----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	PITTSBURGH, PA PMSA											
	Construction industries and land subdividers and developers-----	4 336	50 531	1 240 073	5 049 317	3 863 159	2 637 485	1 371 258	1 186 159	76 280	1	1
15,16, 17	Construction industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses-----	688	2 830	42 832	250 857	189 311	104 801	(D)	61 546	4 414	8	10
1522	Other residential buildings-----	88	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1531	Operative builders-----	120	740	16 298	169 073	97 724	43 289	55 134	71 349	915	15	17
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses-----	50	2 086	65 088	245 834	152 850	80 122	73 468	92 983	*852	3	3
1542	Nonresidential buildings, n.e.c.-----	290	6 074	155 551	1 021 483	474 708	325 628	189 760	546 774	7 083	3	2
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction-----	114	3 914	99 805	597 065	(D)	317 507	202 085	(D)	16 525	6	(D)
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction-----	14	674	19 013	80 577	(D)	37 536	(D)	(D)	2 117	(W)	(D)
1623	Water, sewer, and utility lines-----	85	1 413	34 248	123 192	114 658	85 168	(D)	8 534	6 539	6	6
1629	Heavy construction, n.e.c.-----	101	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	PITTSBURGH, PA PMSA—Con.											
	Construction Industries and land subdividers and developers—Con.											
15,16, 17 17	Construction Industries—Con.											
	Special trade contractors:											
1711	Plumbing, heating, and air- conditioning	566	6 236	(D)	564 029	(D)	325 163	165 674	(D)	7 045	2	(D)
1721	Painting and paper hanging	326	2 029	39 565	100 170	(D)	76 198	19 937	(D)	1 539	7	(D)
1731	Electrical work	319	5 426	166 785	418 390	406 599	313 968	94 809	11 791	2 498	3	2
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework	238	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1742	Plastering, drywall, and insulation work	106	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1743	Terrazzo, tile, marble, and mosaic work	32	140	3 201	10 227	9 815	4 834	(D)	412	(D)	9	11
175	Carpentry and floor work:											
1751	Carpentry	262	1 896	30 800	89 385	78 691	48 003	33 114	10 693	918	5	8
1752	Floor laying and other floorwork	94	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1761	Roofing, siding, and sheet metal work	234	2 254	51 190	171 425	(D)	104 364	59 044	(D)	(D)	5	(D)
1771	Concrete work	193	974	16 165	61 707	59 214	39 328	20 044	2 492	2 887	10	8
1781	Water well drilling	21	192	4 164	(D)	(D)	9 575	6 328	(D)	551	9	(D)
179	Miscellaneous special trade contractors:											
1791	Structural steel erection	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1793	Glass and glazing work	35	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1794	Excavation work	122	784	17 836	66 990	59 589	43 585	17 395	7 401	3 935	11	6
1795	Wrecking and demolition work	13	96	1 338	4 404	(D)	4 978	284	(D)	76	(W)	(D)
1796	Installing building equipment, n.e.c.	21	1 024	36 624	133 703	(D)	112 532	16 346	(D)	318	(W)	(D)
1799	Special trade contractors, n.e.c.	150	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
6552	Land subdividers and developers, n.e.c.	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	SCRANTON-WILKES-BARRE, PA MSA											
	Construction Industries and land subdividers and developers	1 859	12 025	223 920	1 034 754	825 870	508 095	353 772	208 885	27 224	2	3
15,16, 17	Construction Industries:											
	Building construction—General contractors and operative builders:											
152	General contractors, residential buildings:											
1521	Single-family houses	464	1 827	25 879	218 711	145 657	63 961	83 818	73 054	3 226	7	13
1522	Other residential buildings	25	258	4 184	22 652	12 299	7 164	5 186	10 353	(D)	30	26
1531	Operative builders	38	586	9 545	70 633	48 119	39 151	14 008	22 514	(D)	11	10
154	General contractors, nonresidential buildings:											
1541	Industrial buildings and warehouses	25	483	8 824	38 069	23 845	14 363	9 866	14 224	465	8	13
1542	Nonresidential buildings, n.e.c.	48	664	16 553	95 177	48 273	31 769	(D)	46 904	*1 528	7	6
16	Heavy construction other than building construction—contractors:											
1611	Highway and street construction	37	859	19 549	78 432	71 255	44 100	(D)	7 177	2 647	5	5
162	Heavy construction, except highway:											
1622	Bridge, tunnel, and elevated highway construction	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1623	Water, sewer, and utility lines	21	297	6 670	22 150	20 359	16 176	(D)	1 791	*1 795	17	24
1629	Heavy construction, n.e.c.	31	295	5 578	23 423	21 089	14 406	7 925	2 334	1 158	12	20

Table 12. Selected Statistics for Establishments With Payroll for Selected Metropolitan Statistical Areas: 1987—Con.

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

1987 SIC code	Geographic area and industry	Number of establish- ments	All employees**	Payroll, all employees	Value of construction work	Net value of construction work†	Value added††	Cost of materials, components, supplies, and fuels	Cost of construction work sub- contracted to others	Capital expend- itures, other than land	Relative standard error of estimate (percent) for column—	
		A	B	C	D	E	F	G	H	I	B	E
	SCRANTON-WILKES-BARRE, PA MSA—Con.											
15,16, 17 17	Construction industries and land subdividers and developers—Con. Construction industries—Con. Special trade contractors:											
1711	Plumbing, heating, and air- conditioning -----	194	1 132	23 720	92 834	86 419	48 987	40 490	6 415	1 311	8	8
1721	Painting and paper hanging -----	82	359	5 933	18 029	17 014	12 966	4 233	1 015	33	16	16
1731	Electrical work -----	128	1 096	28 195	84 443	82 654	55 122	28 113	1 789	1 842	8	9
174	Masonry, stonework, tile setting, and plastering:											
1741	Masonry, stone setting, and other stonework -----	152	675	8 454	35 816	34 619	21 866	(D)	1 197	*334	18	23
1742	Plastering, drywall, and insulation work -----	56	378	7 896	23 163	22 634	14 621	9 226	529	164	18	17
1743	Terrazzo, tile, marble, and mosaic work -----	11	(D)	(D)	(D)	1 883	1 088	795	(D)	29	(D)	12
175	Carpentry and floor work:											
1751	Carpentry -----	167	498	6 245	27 320	24 602	14 212	11 501	2 718	380	22	17
1752	Floor laying and other floorwork -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1761	Roofing, siding, and sheet metal work -----	108	581	8 872	31 091	29 405	16 691	13 369	1 686	583	14	9
1771	Concrete work -----	42	262	4 395	16 857	16 396	8 245	8 152	*461	*557	29	18
1781	Water well drilling -----	17	81	954	5 816	5 626	3 529	(D)	190	1 450	7	23
179	Miscellaneous special trade contractors:											
1791	Structural steel erection -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
1793	Glass and glazing work -----	7	130	3 396	13 916	(D)	7 652	(D)	(D)	662	(W)	(D)
1794	Excavation work -----	90	790	13 359	58 032	51 621	38 013	15 784	6 411	955	6	7
1795	Wrecking and demolition work -----	-	-	-	-	-	-	-	-	-	-	-
1796	Installing building equipment, n.e.c. -	7	55	1 781	5 217	(D)	4 089	1 063	(D)	(D)	(W)	(D)
1799	Special trade contractors, n.e.c. -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
6552	Land subdividers and developers, n.e.c. -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)

APPENDIX A.

Explanation of Terms

Construction—Is composed of three broad categories:

1. **New construction**—Includes the complete, original erection of structures and essential service facilities and the initial installation of integral equipment such as elevators, and plumbing, heating, and air-conditioning supplies and equipment.
2. **Additions, alterations or reconstruction**—Includes construction activity making structural changes to existing facilities. Generally, this type of activity is considered a capital investment in the property.
3. **Maintenance and repair**—Includes construction done for the purpose of upkeep of property rather than additional investment in the property.

Examples of the general distinction between maintenance and repair and reconstruction are provided here: roof repairs, including the replacement of shingles, gutters, etc., are classified under maintenance and repairs. A complete reroofing, however, is classified as reconstruction.

Number of establishments in business during year—Includes all establishments that were in business at any time during the year. It covers all full-year and part-year operations. Construction establishments which were inactive or idle for the entire year were not included.

Proprietors and working partners—These data were not collected on the census report forms. The data shown are based on crediting each sole proprietorship establishment with one active proprietor and each partnership establishment with two working partners.

All employees—Comprise all full-time and part-time employees on the payrolls of construction establishments, who worked or received pay for any part of the pay period including the 12th of March, May, August, and November. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Officers of corporations are included, but proprietors and partners of unincorporated firms are not.

All employees is the sum of all employees during the pay periods including the 12th of March, May, August, and November, divided by 4.

Construction workers—Includes all workers up through the working foreman level directly engaged in construction operations, such as painters, carpenters, plumbers, and electricians. Included are journeymen, mechanics, apprentices, laborers, truck drivers and helpers, equipment

operators, and on-site record keepers and security guards. Supervisory employees above the working foreman level are excluded from this category but are included in the "other employees" category.

Other employees—Includes employees in executive, purchasing, accounting, personnel, professional, technical activities, and routine office functions. Also included are supervisory employees above the working foreman level.

Construction worker hours—Includes the total number of hours worked by construction workers. Construction worker hours were collected for each of the four quarters of 1987.

Payroll—Includes the gross earnings paid in the calendar year 1987 to all employees on the payroll of construction establishments. It includes all forms of compensation such as salaries, wages, commissions, dismissal pay, bonuses, vacation and sick leave pay, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of these establishments, if a corporation, but excludes payments to the proprietor or partners, if an unincorporated concern.

Employer costs for fringe benefits (supplemental labor costs)—Represents expenditures made by the employer during 1987 for legally required and voluntary fringe benefit programs for employees.

Legally required contributions—Include Social Security contributions, unemployment compensation, workman's compensation, and State temporary disability payments.

Voluntary payments—Include life insurance premiums, pension plans, insurance premiums on hospital and medical plans, welfare plans, and union negotiated benefits.

Dollar value of business done comprises the following detail:

Value of construction work done—Includes all value of construction work done during 1987 for construction work performed by general contractors, special trades contractors, subcontractors, and land development and improvement work. Included is new construction, additions and alterations or reconstruction, and maintenance and repair construction work. Also included is the value of any construction work done by the reporting establishments for themselves.

Builders were instructed to include the value of buildings and other structures built or being built for sale in 1987 but not sold. They were to include the costs of such construction plus normal profit. Also included is the cost of construction work done on buildings for rent or lease.

Establishments engaged in the sale and installation of such construction components as plumbing, heating, and central air conditioning supplies and equipment; lumber and building materials; paint, glass, and wallpaper; and electrical and wiring supplies, elevators or escalators, etc., were instructed to include both the value for the installation and the receipts covering the price of the items installed.

Excluded was the cost of industrial and other specialized machinery and equipment which are not an integral part of a structure.

Land receipts—Includes receipts from the sale of land, whether held for sale or sold in connection with the sale of houses and other structures. It excludes the value of any improvements made to the land prior to the sale. (That value was to be included in the value of construction work done.)

Other business receipts—Includes business receipts not reported as value of construction work done or land receipts. The item includes business receipts from retail and wholesale trade, rental of equipment, manufacturing, transportation, legal service, insurance, finance, rental of property and other real estate operations, and other nonconstruction activities. Receipts for separately definable architectural and engineering work for others are also included here.

Excluded was the value of construction work done and receipts from other business operations in foreign countries and non-operating income such as interest and dividends.

Net value of construction work—Derived for each establishment by subtracting the costs for construction work subcontracted to others from the value of construction work done. (For a further explanation see "Duplication in Value of Construction Work" section in the Introduction.)

Value added—Derived for each establishment, value added is equal to dollar value of business done, less costs for construction work subcontracted to others, and costs for materials, components, supplies and fuels. For SIC 6552 and SIC 1531, for which land receipts are significant, land receipts are also subtracted from dollar value of business done. (For a further explanation see "Duplication in Value of Construction Work" section in the Introduction.)

Selected costs—Represents the costs for materials, components, and supplies; costs for construction work subcontracted to others; and costs for selected power, fuels, and lubricants. Capital expenditures and rental costs for machinery, equipment, and structures are shown elsewhere.

Costs for materials, components, and supplies include:

- total costs to reporting establishments during 1987 for the purchase of all materials, components, and supplies, except fuels. (Supplies include expendable tools which are charged to current accounts.)
- freight and other direct charges should represent only amount paid after discounts, and the value of materials, components, and supplies obtained from other establishments of the respondent's company.
- costs for materials, components, and supplies used by the reporting establishments in the construction or reconstruction of buildings/structures for themselves which are chargeable to their fixed assets accounts, are included in this item as are costs for materials bought and resold to others.
- costs made for direct purchases of materials, components, and supplies even though the purchases were subsequently provided to subcontractors for their use.

Excluded from this item are:

- industrial and other specialized machinery and equipment, such as printing presses; computer systems; etc., which are not an integral part of a structure
- materials furnished to contractors by the owners of projects.

Costs for construction work subcontracted to others include:

- all costs during 1987 for construction work subcontracted out to other construction contractors.

Excluded from this item are:

- The costs to the reporting establishment for its purchases of materials, components, and supplies, provided to a subcontractor for his use. Such costs are reported under a separate category, "costs for materials, components, and supplies."
- costs for the rental of machinery or equipment.

Costs for selected power, fuels, and lubricants include:

- costs for fuels, lubricants, and electric energy purchased during the year from other companies, or received from other establishments of the company.
- costs for natural and manufactured gas, fuel oil, coal and coke products, etc.

Rental costs for machinery, equipment, and buildings—Includes all costs during 1987 for renting or leasing construction machinery and equipment, transportation equipment, production equipment, office equipment, furniture and fixtures, scaffolding, office space, and buildings. It

excludes costs for the rental of land. It also excludes costs under agreements which, in effect, are conditional sales contracts such as capital leases. Such costs are included in "capital expenditures."

Selected purchased services—Includes all costs during 1987 for communication services purchased from other companies or from other establishments of the company. It also includes the cost of all repairs made to structures and equipment by outside companies, or from other establishments of the same company. It includes only the cost of that repair necessary to maintain property and equipment. It excludes the cost of improvements that increase the value of property, or the cost of adapting it for another use. Such costs are included in "capital expenditures".

Assets and depreciation—Refers to the original cost of all fixed tangible assets such as buildings and other structures (offices, shops, etc.); stationary machinery (generators, shop equipment, etc.); mobile machinery (tractors, trucks, etc.); and other equipment (office furniture and fixtures, etc.). Not included are such items as current assets, depletable assets, intangible assets, and nondepreciable assets.

Data on assets and depreciation were collected separately for: (1) buildings and other structures, additions, and related facilities; and, (2) machinery and equipment.

Respondents were also asked to report capitalized expenditures, depreciation charges, and the gross value of assets sold, retired, scrapped, destroyed, etc., during 1987.

Capital expenditures—Refers to all costs actually incurred during 1987 which were or would be chargeable to the fixed assets accounts of the reporting establishments and which were of the type for which depreciation accounts are ordinarily maintained. These expenditures cover the acquisition, the construction, and the major alteration of the reporting establishment's own buildings and other structures, whether purchased, constructed under contract, or constructed by the reporting establishment's own forces; and the acquisition of machinery and equipment.

If leasing arrangements met the criteria set down by the Financial Accounting Standards Board (FASB) for a capital lease, respondents were instructed to report the original cost or market value of that equipment or building as a fixed asset and capital expenditure if acquired during 1987.

If capital expenditures were not recorded directly at the establishment level but handled centrally at the company or division level, respondents were requested to report appropriate estimates for the individual establishments.

Inventories—Includes all of the materials and supplies that are owned regardless of where they are held. Excludes materials which are owned by others, but held by the reporting establishment.

Builders who built on their own account for sale were requested to report work in progress and finished units not sold for buildings and other structures built for sale.

Inventories of multi-establishment companies were instructed to be reported by the establishment that is responsible for the inventories even if these inventories were held at a separate location.

Ownership of construction projects—This item shows the distribution of the value of construction work done by ownership of the project, that is, Government owned or privately owned. This classification relates to the ownership of the projects or work undertaken during the construction phase. Government owned projects are shown separately for Federal, and State and local governments.

Value of construction work subcontracted in from others—Includes the value of construction work during 1987 for work done by reporting establishments for other construction contractors or builders. Establishments were asked to report the approximate percent of total value of construction work accounted for by such work, and the percentages reported were applied to the reported value of construction work to develop a value for this item.

Types of construction—This item provides data by the types of buildings, structures, or other facilities being constructed or worked on by construction establishments in 1987. Respondents were instructed that each building, structure, or other facility should be classified in terms of its function. For example, a restaurant building was to be classified in the restaurant category whether it was designed as a commercial restaurant building or an auxiliary unit of an educational institution. If respondents worked on more than one type of building or structure in a multibuilding complex, they were instructed to report separately for each building or type of structure. If they worked on a building that had more than one purpose, i.e, office and residential, or commercial, they were to classify the building by major purpose.

In addition all respondents were requested to report the percentage of the value of construction work done for new construction, additions, alterations, or reconstruction, and maintenance and repair work for each of these types. See the definition of "Construction" for the meanings of these terms.

Building construction:

- **Single-family houses, detached**—Includes all residential buildings constructed for one family use.
- **Single-family houses, attached (include townhouses)**—Includes all residential buildings with two or more living quarters side by side, completely independent of one another, and separated by an unbroken wall from ground to roof.
- **Apartment buildings with two or more apartments**—Includes high-rise, low-rise, or any structures containing two or more housing units (excluding attached single-family houses and townhouses described above).
- **Hotels and motels**—Includes hotels, motels, and tourist cabins intended for transient accommodations.

- **Other residential buildings**—Includes dormitories, fraternity and sorority houses, nurses homes, and other nonhousekeeping residential structures.
- **Office buildings**—Includes all buildings which are used primarily for office space or for government administrative offices. Also included are banks or financial buildings which are three stories or more.
- **Other commercial buildings, such as stores, restaurants, and automobile service stations**—Includes all buildings which are intended for use primarily in the wholesale, retail, and service trades. For example, shopping centers, department stores, drug stores, restaurants, public garages, auto service stations, and one or two story bank or financial institutions.
- **Industrial buildings**—Includes all industrial buildings and plants which are used to house production and assembly activities. Heavy industrial facilities such as blast furnaces, petroleum refineries, chemical complexes, etc., are not included in this category, but under nonbuilding construction.
- **Warehouses**—Includes commercial warehouses, cold storage plants, grain elevators, mini-warehouses, and other such storage buildings.
- **Religious buildings**—Includes all buildings which are intended for religious services or functions, such as churches, synagogues, convents, monasteries, and seminaries.
- **Educational buildings**—Includes all buildings which are used directly in administrative and instructional activities, such as colleges, universities, elementary and secondary schools, correspondence, commercial, and trade schools. Libraries, museums, and art galleries, as well as laboratories which are not a part of a manufacturing establishment, are also included.
- **Hospitals and institutional buildings**—Includes all buildings which are intended to provide hospital and institutional care, such as clinics, infirmaries, sanitariums, nursing homes, homes for the aged, and orphanages.
- **Farm buildings, nonresidential**—Includes nonresidential farm buildings such as barns, poultry houses, implement sheds, and farm silos.
- **Amusement, social, and recreational buildings**—Includes buildings which are used primarily for entertainment, social and recreational activities, such as sports arenas, theaters, music halls, golf and country club buildings, skating rinks, bowling alleys, and indoor swimming pools.
- **Other nonresidential buildings**—Includes nonresidential buildings which are not classified elsewhere, such as fire stations, prisons, civic centers, bus and air passenger terminals and hangars.

Nonbuilding construction:

- **Highways, streets and related work, such as installation of guardrails, highway signs, etc.**—Includes streets, roads, alleys, sidewalks, curbs and gutters, culverts, right-of-way drainage, erosion control and lighting. Also includes earthwork protective structures when used in connection with road improvements.
- **Outdoor swimming pools**—Includes wading pools and reflecting pools.
- **Recreational facilities**—Includes athletic fields, golf courses, outdoor tennis courts, trails, and camps.
- **Bridges and elevated highways**—Includes viaducts and overpasses; roads, highways, railroads, and causeways built on structural supports.
- **Tunnels**—Includes highway, pedestrian, and railroad tunnels.
- **Railroad construction**—Includes the construction of railroad beds, tracks, freight yards, and signal towers.
- **Subway construction**—Includes urban mass transit subway systems above or below ground.
- **Dam and reservoir construction**—Includes hydroelectric, water supply, and flood control dams and reservoirs.
- **Marine construction**—Includes dredging, underwater rock removal, breakwaters, navigational channels, jetties, and locks.
- **Harbor and port facilities**—Includes docks, piers, and wharves.
- **Conservation and development construction**—Includes land reclamation, irrigation projects, drainage canals, levees, and flood control projects.
- **Power and communication transmission lines, towers, and related facilities**—Includes electric power lines, telephone and telegraph lines, fiber optic cables, cable television lines, television and radio towers, electric light and power facilities.
- **Power plants, except nuclear**—Includes electric and steam generating plants.
- **Power plants, nuclear**—Includes atomic energy plants, and nuclear reactors.
- **Sewers, sewerlines, and related facilities**—Includes sanitary and storm sewers, and related facilities.
- **Sewage treatment plants**—Includes sewage treatment and waste disposal plants.
- **Water mains and related facilities**—Includes water supply systems and related facilities.

- **Water treatment plants**—Includes water filtration and water softening plants.
- **Pipeline construction other than sewer or waterlines**—Includes pipelines for the transmission of gas, petroleum products, and liquefied gases.
- **Blast furnaces, petroleum refineries, chemical complexes, etc.**—Includes coke ovens, and mining appurtenances such as tipples and washeries.
- **Other nonbuilding construction**—Includes all types of nonbuilding construction, not included elsewhere.

APPENDIX B.

Standard Industrial Classification Titles for Industry Groups and Industries

SIC code	Industry titles	SIC code	Industry titles
15	BUILDING CONSTRUCTION—GENERAL CONTRACTORS AND OPERATIVE BUILDERS	17	CONSTRUCTION—SPECIAL TRADE CONTRACTORS—Con.
152	General Building Contractors—Residential Buildings	173	Electrical Work Special Trade Contractors
1521	General Contractors—Single-Family Houses	1731	Electrical Work Special Trade Contractors
1522	General Contractors—Residential Buildings, Other Than Single-Family	174	Masonry, Stone Work Tile Setting, and Plastering Special Trade Contractors
153	Operative Builders	1741	Masonry, Stone Setting, and Other Stone Work Special Trade Contractors
1531	Operative Builders	1742	Plastering, Drywall, Acoustical, and Insulation Work Special Trade Contractors
154	General Building Contractors—Nonresidential Buildings	1743	Terrazzo, Tile, Marble, and Mosaic Work Special Trade Contractors
1541	General Contractors—Industrial Buildings and Warehouses	175	Carpentry and Floor Work Special Trade Contractors
1542	General Contractors—Nonresidential Buildings, Other Than Industrial Buildings and Warehouses	1751	Carpentry Work Special Trade Contractors
16	HEAVY CONSTRUCTION OTHER THAN BUILDING CONSTRUCTION—CONTRACTORS	1752	Floor Laying and Other Floor Work Special Trade Contractors, Not Elsewhere Classified
161	Highway and Street Construction, Except Elevated Highways	176	Roofing, Siding, and Sheet Metal Work Special Trade Contractors
1611	Highway and Street Construction Contractors, Except Elevated Highways	1761	Roofing, Siding, and Sheet Metal Work Special Trade Contractors
162	Heavy Construction, Except Highway and Street Construction	177	Concrete Work Special Trade Contractors
1622	Bridge, Tunnel, and Elevated Highway Construction Contractors	1771	Concrete Work Special Trade Contractors
1623	Water, Sewer, Pipeline, and Communications and Powerline Construction	178	Water Well Drilling Special Trade Contractors
1629	Heavy Construction, Not Elsewhere Classified	1781	Water Well Drilling Special Trade Contractors
17	CONSTRUCTION—SPECIAL TRADE CONTRACTORS	179	Miscellaneous Special Trade Contractors
171	Plumbing, Heating, and Air-Conditioning Special Trade Contractors	1791	Structural Steel Erection Special Trade Contractors
1711	Plumbing, Heating, and Air-Conditioning Special Trade Contractors	1793	Glass and Glazing Work Special Trade Contractors
172	Painting and Paper Hanging Special Trade Contractors	1794	Excavation Work Special Trade Contractors
1721	Painting and Paper Hanging Special Trade Contractors	1795	Wrecking and Demolition Work Special Trade Contractors
		1796	Installation or Erection of Building Equipment, Special Trade Contractors, Not Elsewhere Classified
		1799	Special Trade Contractors, Not Elsewhere Classified
		6552	LAND SUBDIVIDERS AND DEVELOPERS, EXCEPT CEMETERIES



APPENDIX C.

Regions, Census Divisions, and States

NORTHEAST

New England States

Connecticut
Maine
Massachusetts
New Hampshire
Rhode Island
Vermont

Middle Atlantic States

New Jersey
New York
Pennsylvania

MIDWEST

East North Central States

Illinois
Indiana
Michigan
Ohio
Wisconsin

West North Central States

Iowa
Kansas
Minnesota
Missouri
Nebraska
North Dakota
South Dakota

SOUTH

South Atlantic States

Delaware
District of Columbia
Florida
Georgia
Maryland

South Atlantic States—Con.

North Carolina
South Carolina
Virginia
West Virginia

East South Central States

Alabama
Kentucky
Mississippi
Tennessee

West South Central States

Arkansas
Louisiana
Oklahoma
Texas

WEST

Mountain States

Arizona
Colorado
Idaho
Montana
Nevada
New Mexico
Utah
Wyoming

Pacific States

Alaska
California
Hawaii
Oregon
Washington

APPENDIX D.

Metropolitan Statistical Areas

[Titles and definitions shown for MSA's, PMSA's, and CMSA's are those established by the Office of Management and Budget, as of June 30, 1987]

Abilene, TX MSA

Taylor County, TX

Akron, OH PMSA—see Cleveland-Akron-Lorain, OH CMSA

Albany, GA MSA

Dougherty County, GA

Lee County, GA

Albany-Schenectady-Troy, NY MSA

Albany County, NY

Greene County, NY

Montgomery County, NY

Rensselaer County, NY

Saratoga County, NY

Schenectady County, NY

Albuquerque, NM MSA

Bernalillo County, NM

Alexandria, LA MSA

Rapides Parish, LA

Allentown-Bethlehem, PA-NJ MSA

Warren County, NJ

Carbon County, PA

Lehigh County, PA

Northampton County, PA

Altoona, PA MSA

Blair County, PA

Amarillo, TX MSA

Potter County, TX

Randall County, TX

Anaheim-Santa Ana, CA PMSA—see Los Angeles-Anaheim-Riverside, CA CMSA

Anchorage, AK MSA

Anchorage Borough, AK

Anderson, IN MSA

Madison County, IN

Anderson, SC MSA

Anderson County, SC

Ann Arbor, MI PMSA—see Detroit-Ann Arbor, MI CMSA

Anniston, AL MSA

Calhoun County, AL

Appleton-Oshkosh-Neenah, WI MSA

Calumet County, WI

Outagamie County, WI

Winnebago County, WI

Asheville, NC MSA

Buncombe County, NC

Athens, GA MSA

Clarke County, GA

Jackson County, GA

Madison County, GA

Oconee County, GA

Atlanta, GA MSA

Barrow County, GA

Butts County, GA

Cherokee County, GA

Clayton County, GA

Cobb County, GA

Coweta County, GA

De Kalb County, GA

Douglas County, GA

Atlanta, GA MSA—Con.

Fayette County, GA

Forsyth County, GA

Fulton County, GA

Gwinnett County, GA

Henry County, GA

Newton County, GA

Paulding County, GA

Rockdale County, GA

Spalding County, GA

Walton County, GA

Atlantic City, NJ MSA

Atlantic County, NJ

Cape May County, NJ

Augusta, GA-SC MSA

Columbia County, GA

McDuffie County, GA

Richmond County, GA

Aiken County, SC

Aurora-Elgin, IL PMSA—see Chicago-Gary-Lake County, IL-IN-WI CMSA

Austin, TX MSA

Hays County, TX

Travis County, TX

Williamson County, TX

Bakersfield, CA MSA

Kern County, CA

Baltimore, MD MSA

Anne Arundel County, MD

Baltimore County, MD

Carroll County, MD

Harford County, MD

Howard County, MD

Queen Anne's County, MD

Baltimore city, MD

Bangor, ME MSA

Penobscot County, ME (part)

Bangor city, ME

Brewer city, ME

Eddington town, ME

Glenburn town, ME

Hampden town, ME

Hermon town, ME

Holden town, ME

Kenduskeag town, ME

Old Town city, ME

Orono town, ME

Orrington town, ME

Penobscot Indian Island Indian Reservation, ME

Veazie town, ME

Waldo County, ME (part)

Winterport town, ME

Baton Rouge, LA MSA

Ascension Parish, LA

East Baton Rouge Parish, LA

Livingston Parish, LA

West Baton Rouge Parish, LA

Battle Creek, MI MSA

Calhoun County, MI

Beaumont-Port Arthur, TX MSA

Hardin County, TX

Jefferson County, TX

Orange County, TX

Beaver County, PA PMSA—see Pittsburgh-Beaver Valley, PA CMSA

Bellingham, WA MSA

Whatcom County, WA

Benton Harbor, MI MSA

Berrien County, MI

Bergen-Passaic, NJ PMSA—see New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA

Billings, MT MSA

Yellowstone County, MT

Biloxi-Gulfport, MS MSA

Hancock County, MS

Harrison County, MS

Binghamton, NY MSA

Broome County, NY

Tioga County, NY

Birmingham, AL MSA

Blount County, AL

Jefferson County, AL

St. Clair County, AL

Shelby County, AL

Walker County, AL

Bismarck, ND MSA

Burleigh County, ND

Morton County, ND

Bloomington, IN MSA

Monroe County, IN

Bloomington-Normal, IL MSA

McLean County, IL

Boise City, ID MSA

Ada County, ID

Boston, MA PMSA—see Boston-Lawrence-Salem, MA-NH CMSA

Boston-Lawrence-Salem, MA-NH CMSA

Boston, MA PMSA

Bristol County, MA (part)

Mansfield town, MA

Norton town, MA

Raynham town, MA

Essex County, MA (part)

Lynn city, MA

Lynnfield town, MA

Nahant town, MA

Saugus town, MA

Middlesex County, MA (part)

Acton town, MA

Arlington town, MA

Ashland town, MA

Ayer town, MA

Bedford town, MA

Belmont town, MA

Boxborough town, MA

Burlington town, MA

Cambridge city, MA

Carlisle town, MA

Concord town, MA

Boston-Lawrence-Salem, MA-NH CMSA—Con.

Boston, MA PMSA—Con.

Middlesex County, MA (part)—Con.

Everett city, MA
 Framingham town, MA
 Groton town, MA
 Holliston town, MA
 Hopkinton town, MA
 Hudson town, MA
 Lexington town, MA
 Lincoln town, MA
 Littleton town, MA
 Malden city, MA
 Marlborough city, MA
 Maynard town, MA
 Medford city, MA
 Melrose city, MA
 Natick town, MA
 Newton city, MA
 North Reading town, MA
 Reading town, MA
 Sherborn town, MA
 Shirley town, MA
 Somerville city, MA
 Stoneham town, MA
 Stow town, MA
 Sudbury town, MA
 Townsend town, MA
 Wakefield town, MA
 Waltham city, MA
 Watertown town, MA
 Wayland town, MA
 Weston town, MA
 Wilmington town, MA
 Winchester town, MA
 Woburn city, MA

Norfolk County, MA (part)

Bellingham town, MA
 Braintree town, MA
 Brookline town, MA
 Canton town, MA
 Cohasset town, MA
 Dedham town, MA
 Dover town, MA
 Foxborough town, MA
 Franklin town, MA
 Holbrook town, MA
 Medfield town, MA
 Medway town, MA
 Millis town, MA
 Milton town, MA
 Needham town, MA
 Norfolk town, MA
 Norwood town, MA
 Quincy city, MA
 Randolph town, MA
 Sharon town, MA
 Stoughton town, MA
 Walpole town, MA
 Wellesley town, MA
 Westwood town, MA
 Weymouth town, MA
 Wrentham town, MA

Plymouth County, MA (part)

Carver town, MA
 Duxbury town, MA
 Hanover town, MA
 Hanson town, MA
 Hingham town, MA
 Hull town, MA

Boston-Lawrence-Salem, MA-NH CMSA—Con.

Boston, MA PMSA—Con.

Plymouth County, MA (part)—Con.

Kingston town, MA
 Lakeville town, MA
 Marshfield town, MA
 Middleborough town, MA
 Norwell town, MA
 Pembroke town, MA
 Plymouth town, MA
 Plympton town, MA
 Rockland town, MA
 Scituate town, MA

Suffolk County, MA (part)

Boston city, MA
 Chelsea city, MA
 Revere city, MA
 Winthrop town, MA

Worcester County, MA (part)

Berlin town, MA
 Bolton town, MA
 Harvard town, MA
 Hopedale town, MA
 Lancaster town, MA
 Mendon town, MA
 Milford town, MA
 Southborough town, MA
 Upton town, MA

Brockton, MA PMSA

Bristol County, MA (part)

Easton town, MA

Norfolk County, MA (part)

Avon town, MA

Plymouth County, MA (part)

Abington town, MA
 Bridgewater town, MA
 Brockton city, MA
 East Bridgewater town, MA
 Halifax town, MA
 West Bridgewater town, MA
 Whitman town, MA

Lawrence-Haverhill, MA-NH PMSA

Essex County, MA (part)

Amesbury town, MA
 Andover town, MA
 Boxford town, MA
 Georgetown town, MA
 Groveland town, MA
 Haverhill city, MA
 Lawrence city, MA
 Merrimac town, MA
 Methuen town, MA
 Newbury town, MA
 Newburyport city, MA
 North Andover town, MA
 Salisbury town, MA
 West Newbury town, MA

Rockingham County, NH (part)

Atkinson town, NH
 Brentwood town, NH
 Danville town, NH
 Derry town, NH
 East Kingston town, NH
 Hampstead town, NH
 Kingston town, NH
 Newton town, NH
 Plaistow town, NH
 Salem town, NH
 Sandown town, NH
 Seabrook town, NH
 Windham town, NH

Boston-Lawrence-Salem, MA-NH CMSA—Con.

Lowell, MA-NH PMSA

Middlesex County, MA (part)

Billerica town, MA
 Chelmsford town, MA
 Dracut town, MA
 Dunstable town, MA
 Lowell city, MA
 Pepperell town, MA
 Tewksbury town, MA
 Tyngsborough town, MA
 Westford town, MA

Hillsborough County, NH (part)

Pelham town, NH

Nashua, NH PMSA

Hillsborough County, NH (part)

Amherst town, NH
 Brookline town, NH
 Hollis town, NH
 Hudson town, NH
 Litchfield town, NH
 Merrimack town, NH
 Milford town, NH
 Mont Vernon town, NH
 Nashua city, NH
 Wilton town, NH

Rockingham County, NH (part)

Londonderry town, NH

Salem-Gloucester, MA PMSA

Essex County, MA (part)

Beverly city, MA
 Danvers town, MA
 Essex town, MA
 Gloucester city, MA
 Hamilton town, MA
 Ipswich town, MA
 Manchester town, MA
 Marblehead town, MA
 Middleton town, MA
 Peabody city, MA
 Rockport town, MA
 Rowley town, MA
 Salem city, MA
 Swampscott town, MA
 Topsfield town, MA
 Wenham town, MA

Boulder-Longmont, CO PMSA—see Denver-Boulder, CO CMSA**Bradenton, FL MSA**

Manatee County, FL

Brazoria, TX PMSA—see Houston-Galveston-Brazoria, TX CMSA**Bremerton, WA MSA**

Kitsap County, WA

Bridgeport-Milford, CT PMSA—see New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA**Bristol, CT PMSA—see Hartford-New Britain-Middletown, CT CMSA****Brockton, MA PMSA—see Boston-Lawrence-Salem, MA-NH CMSA****Brownsville-Harlingen, TX MSA**

Cameron County, TX

Bryan-College Station, TX MSA

Brazos County, TX

Buffalo, NY PMSA—see Buffalo-Niagara Falls, NY CMSA

Buffalo-Niagara Falls, NY CMSA

Buffalo, NY PMSA
 Erie County, NY
 Niagara Falls, NY PMSA
 Niagara County, NY

Burlington, NC MSA

Alamance County, NC

Burlington, VT MSA

Chittenden County, VT (part)
 Burlington city, VT
 Charlotte town, VT
 Colchester town, VT
 Essex Junction village, VT
 Essex town balance, VT
 Hinesburg town, VT
 Jericho town, VT
 Jericho village, VT
 Milton town, VT
 Milton village, VT
 Richmond town, VT
 Richmond village, VT
 St. George town, VT
 Shelburne town, VT
 South Burlington city, VT
 Williston town, VT
 Winooski city, VT
 Franklin County, VT (part)
 Georgia town, VT
 Grand Isle town, VT
 South Hero town, VT

Canton, OH MSA

Carroll County, OH
 Stark County, OH

Casper, WY MSA

Natrona County, WY

Cedar Rapids, IA MSA

Linn County, IA

Champaign-Urbana-Rantoul, IL MSA

Champaign County, IL

Charleston, SC MSA

Berkeley County, SC
 Charleston County, SC
 Dorchester County, SC

Charleston, WV MSA

Kanawha County, WV
 Putnam County, WV

Charlotte-Gastonia-Rock Hill, NC-SC MSA

Cabarrus County, NC
 Gaston County, NC
 Lincoln County, NC
 Mecklenburg County, NC
 Rowan County, NC
 Union County, NC
 York County, SC

Charlottesville, VA MSA

Albemarle County, VA
 Fluvanna County, VA
 Greene County, VA
 Charlottesville city, VA

Chattanooga, TN-GA MSA

Catoosa County, GA
 Dade County, GA
 Walker County, GA
 Hamilton County, TN
 Marion County, TN
 Sequatchie County, TN

Cheyenne, WY MSA

Laramie County, WY

Chicago, IL PMSA—see Chicago-Gary-Lake County, IL-IN-WI CMSA**Chicago-Gary-Lake County, IL-IN-WI CMSA**

Aurora-Elgin, IL PMSA
 Kane County, IL
 Kendall County, IL
 Chicago, IL PMSA
 Cook County, IL
 Du Page County, IL
 McHenry County, IL
 Gary-Hammond, IN PMSA
 Lake County, IN
 Porter County, IN
 Joliet, IL PMSA
 Grundy County, IL
 Will County, IL
 Kenosha, WI PMSA
 Kenosha County, WI
 Lake County, IL PMSA
 Lake County, IL

Chico, CA MSA

Butte County, CA

Cincinnati, OH-KY-IN PMSA—see Cincinnati-Hamilton, OH-KY-IN CMSA**Cincinnati-Hamilton, OH-KY-IN CMSA****Cincinnati-Hamilton, OH-KY-IN CMSA**

Cincinnati, OH-KY-IN PMSA
 Dearborn County, IN
 Boone County, KY
 Campbell County, KY
 Kenton County, KY
 Clermont County, OH
 Hamilton County, OH
 Warren County, OH
 Hamilton-Middletown, OH PMSA
 Butler County, OH

Clarksville-Hopkinsville, TN-KY MSA

Christian County, KY
 Montgomery County, TN

Cleveland, OH PMSA—see Cleveland-Akron-Lorain, OH CMSA**Cleveland-Akron-Lorain, OH CMSA**

Akron, OH PMSA
 Portage County, OH
 Summit County, OH
 Cleveland, OH PMSA
 Cuyahoga County, OH
 Geauga County, OH
 Lake County, OH
 Medina County, OH
 Lorain-Elyria, OH PMSA
 Lorain County, OH

Colorado Springs, CO MSA

El Paso County, CO

Columbia, MO MSA

Boone County, MO

Columbia, SC MSA

Lexington County, SC
 Richland County, SC

Columbus, GA-AL MSA

Russell County, AL
 Chattahoochee County, GA
 Muscogee County, GA

Columbus, OH MSA

Delaware County, OH
 Fairfield County, OH
 Franklin County, OH
 Licking County, OH
 Madison County, OH
 Pickaway County, OH
 Union County, OH

Corpus Christi, TX MSA

Nueces County, TX
 San Patricio County, TX

Cumberland, MD-WV MSA

Allegany County, MD
 Mineral County, WV

Dallas, TX PMSA—see Dallas-Fort Worth, TX CMSA**Dallas-Fort Worth, TX CMSA**

Dallas, TX PMSA
 Collin County, TX
 Dallas County, TX
 Denton County, TX
 Ellis County, TX
 Kaufman County, TX
 Rockwall County, TX
 Fort Worth-Arlington, TX PMSA
 Johnson County, TX
 Parker County, TX
 Tarrant County, TX

Danbury, CT PMSA—see New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA**Danville, VA MSA**

Pittsylvania County, VA
 Danville city, VA

Davenport-Rock Island-Moline, IA-IL MSA

Henry County, IL
 Rock Island County, IL
 Scott County, IA

Dayton-Springfield, OH MSA

Clark County, OH
 Greene County, OH
 Miami County, OH
 Montgomery County, OH

Daytona Beach, FL MSA

Volusia County, FL

Decatur, IL MSA

Macon County, IL

Denver, CO PMSA—see Denver-Boulder, CO CMSA**Denver-Boulder, CO CMSA**

Boulder-Longmont, CO PMSA
 Boulder County, CO
 Denver, CO PMSA
 Adams County, CO
 Arapahoe County, CO
 Denver County, CO
 Douglas County, CO
 Jefferson County, CO

Des Moines, IA MSA

Dallas County, IA
 Polk County, IA
 Warren County, IA

Detroit, MI PMSA—see Detroit-Ann Arbor, MI CMSA**Detroit-Ann Arbor, MI CMSA**

Ann Arbor, MI PMSA
 Washtenaw County, MI
 Detroit, MI PMSA
 Lapeer County, MI
 Livingston County, MI
 Macomb County, MI
 Monroe County, MI
 Oakland County, MI
 St. Clair County, MI
 Wayne County, MI

Dothan, AL MSA

Dale County, AL
 Houston County, AL

Dubuque, IA MSA

Dubuque County, IA

Duluth, MN-WI MSA
St. Louis County, MN
Douglas County, WI

Eau Claire, WI MSA
Chippewa County, WI
Eau Claire County, WI

El Paso, TX MSA
El Paso County, TX

Elkhart-Goshen, IN MSA
Elkhart County, IN

Elmira, NY MSA
Chemung County, NY

Enid, OK MSA
Garfield County, OK

Erie, PA MSA
Erie County, PA

Eugene-Springfield, OR MSA
Lane County, OR

Evansville, IN-KY MSA
Posey County, IN
Vanderburgh County, IN
Warrick County, IN
Henderson County, KY

Fall River, MA-RI PMSA—see Providence-Pawtucket-Fall River, RI-MA CMSA

Fargo-Moorhead, ND-MN MSA
Clay County, MN
Cass County, ND

Fayetteville, NC MSA
Cumberland County, NC

Fayetteville-Springdale, AR MSA
Washington County, AR

Fitchburg-Leominster, MA MSA
Middlesex County, MA (part)
Ashby town, MA
Worcester County, MA (part)
Ashburnham town, MA
Fitchburg city, MA
Leominster city, MA
Lunenburg town, MA
Westminster town, MA

Flint, MI MSA
Genesee County, MI

Florence, AL MSA
Colbert County, AL
Lauderdale County, AL

Florence, SC MSA
Florence County, SC

Fort Collins-Loveland, CO MSA
Larimer County, CO

Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA—see Miami-Fort Lauderdale, FL CMSA

Fort Myers-Cape Coral, FI MSA
Lee County, FL

Fort Pierce, FL MSA
Martin County, FL
St. Lucie County, FL

Fort Smith, AR-OK MSA
Crawford County, AR
Sebastian County, AR
Sequoyah County, OK

Fort Walton Beach, FL MSA
Okaloosa County, FL

Fort Wayne, IN MSA
Allen County, IN
De Kalb County, IN
Whitley County, IN

Fort Worth-Arlington, TX PMSA—see Dallas-Fort Worth, TX CMSA

Fresno, CA MSA
Fresno County, CA

Gadsden, AL MSA
Etowah County, AL

Gainesville, FL MSA
Alachua County, FL
Bradford County, FL

Galveston-Texas City, TX PMSA—see Houston-Galveston-Brazoria, TX CMSA

Gary-Hammond, IN PMSA—see Chicago-Gary-Lake County, IL-IN-WI CMSA

Glens Falls, NY MSA
Warren County, NY
Washington County, NY

Grand Forks, ND MSA
Grand Forks County, ND

Grand Rapids, MI MSA
Kent County, MI
Ottawa County, MI

Great Falls, MT MSA
Cascade County, MT

Greeley, CO MSA
Weld County, CO

Green Bay, WI MSA
Brown County, WI

Greensboro-Winston-Salem-High Point, NC MSA
Davidson County, NC
Davie County, NC
Forsyth County, NC
Guilford County, NC
Randolph County, NC
Stokes County, NC
Yadkin County, NC

Greenville-Spartanburg, SC MSA
Greenville County, SC
Pickens County, SC
Spartanburg County, SC

Hagerstown, MD MSA
Washington County, MD

Hamilton-Middletown, OH PMSA—see Cincinnati-Hamilton, OH-KY-IN CMSA

Harrisburg-Lebanon-Carlisle, PA MSA
Cumberland County, PA
Dauphin County, PA
Lebanon County, PA
Perry County, PA

Hartford, CT PMSA—see Hartford-New Britain-Middletown, CT CMSA

Hartford-New Britain-Middletown, CT CMSA
Bristol, CT PMSA
Hartford County, CT (part)
Bristol city, CT
Burlington town, CT
Litchfield County, CT (part)
Plymouth town, CT
Hartford, CT PMSA
Hartford County, CT (part)
Avon town, CT
Bloomfield town, CT
Canton town, CT
East Granby town, CT
East Hartford town, CT
East Windsor town, CT
Enfield town, CT
Farmington town, CT
Glastonbury town, CT
Granby town, CT
Hartford city, CT
Manchester town, CT
Marlborough town, CT

Hartford-New Britain-Middletown, CT CMSA—Con.
Hartford, CT PMSA—Con.
Hartford County, CT (part)—Con.
Newington town, CT
Rocky Hill town, CT
Simsbury town, CT
South Windsor town, CT
Suffield town, CT
West Hartford town, CT
Wethersfield town, CT
Windsor Locks town, CT
Windsor town, CT
Litchfield County, CT (part)
Barkhamsted town, CT
New Hartford town, CT
East Haddam town, CT
New London County, CT (part)
Colchester borough, CT
Colchester town balance, CT
Tolland County, CT (part)
Andover town, CT
Bolton town, CT
Columbia town, CT
Coventry town, CT
Ellington town, CT
Hebron town, CT
Somers town, CT
Stafford Springs borough, CT
Stafford town balance, CT
Tolland town, CT
Vernon town, CT
Willington town, CT
Middletown, CT PMSA
Middlesex County, CT (part)
Cromwell town, CT
Durham town, CT
East Hampton town, CT
Haddam town, CT
Middlefield town, CT
Middletown city, CT
Portland town, CT
New Britain, CT PMSA
Hartford County, CT (part)
Berlin town, CT
New Britain city, CT
Plainville town, CT
Southington town, CT

Hickory, NC MSA
Alexander County, NC
Burke County, NC
Catawba County, NC

Honolulu, HI MSA
Honolulu County, HI

Houma-Thibodaux, LA MSA
Lafourche Parish, LA
Terrebonne Parish, LA

Houston, TX PMSA—see Houston-Galveston-Brazoria, TX CMSA

Houston-Galveston-Brazoria, TX CMSA
Brazoria, TX PMSA
Brazoria County, TX
Galveston-Texas City, TX PMSA
Galveston County, TX
Houston, TX PMSA
Fort Bend County, TX
Harris County, TX
Liberty County, TX
Montgomery County, TX
Waller County, TX

Huntington-Ashland, WV-KY-OH MSA

Boyd County, KY
Carter County, KY
Greenup County, KY
Lawrence County, OH
Cabell County, WV
Wayne County, WV

Huntsville, AL MSA

Madison County, AL

Indianapolis, IN MSA

Boone County, IN
Hamilton County, IN
Hancock County, IN
Hendricks County, IN
Johnson County, IN
Marion County, IN
Morgan County, IN
Shelby County, IN

Iowa City, IA MSA

Johnson County, IA

Jackson, MI MSA

Jackson County, MI

Jackson, MS MSA

Hinds County, MS
Madison County, MS
Rankin County, MS

Jackson, TN MSA

Madison County, TN

Jacksonville, FL MSA

Clay County, FL
Duval County, FL
Nassau County, FL
St. Johns County, FL

Jacksonville, NC MSA

Onslow County, NC

Janesville-Beloit, WI MSA

Rock County, WI

Jersey City, NJ PMSA—see New York-Northern**New Jersey-Long Island, NY-NJ-CT CMSA****Johnson City-Kingsport-Bristol, TN-VA MSA**

Carter County, TN
Hawkins County, TN
Sullivan County, TN
Unicoi County, TN
Washington County, TN
Scott County, VA
Washington County, VA
Bristol city, VA

Johnstown, PA MSA

Cambria County, PA
Somerset County, PA

**Joliet, IL PMSA—see Chicago-Gary-Lake
County, IL-IN-WI CMSA****Joplin, MO MSA**

Jasper County, MO
Newton County, MO

Kalamazoo, MI MSA

Kalamazoo County, MI

Kankakee, IL MSA

Kankakee County, IL

Kansas City, MO-KS MSA

Johnson County, KS
Leavenworth County, KS
Miami County, KS
Wyandotte County, KS
Cass County, MO
Clay County, MO
Jackson County, MO
Lafayette County, MO
Platte County, MO
Ray County, MO

**Kenosha, WI PMSA—see Chicago-Gary-Lake
County, IL-IN-WI CMSA****Killeen-Temple, TX MSA**

Bell County, TX
Coryell County, TX

Knoxville, TN MSA

Anderson County, TN
Blount County, TN
Grainger County, TN
Jefferson County, TN
Knox County, TN
Sevier County, TN
Union County, TN

Kokomo, IN MSA

Howard County, IN
Tipton County, IN

La Crosse, WI MSA

La Crosse County, WI

Lafayette, LA MSA

Lafayette Parish, LA
St. Martin Parish, LA

Lafayette-West Lafayette, IN MSA

Tippecanoe County, IN

Lake Charles, LA MSA

Calcasieu Parish, LA

Lake County, IL PMSA—see Chicago-Gary-**Lake County, IL-IN-WI CMSA****Lakeland-Winter Haven, FL MSA**

Polk County, FL

Lancaster, PA MSA

Lancaster County, PA

Lansing-East Lansing, MI MSA

Clinton County, MI
Eaton County, MI
Ingham County, MI

Laredo, TX MSA

Webb County, TX

Las Cruces, NM MSA

Dona Ana County, NM

Las Vegas, NV MSA

Clark County, NV

Lawrence, KS MSA

Douglas County, KS

Lawrence-Haverhill, MA-NH PMSA—see Boston-**Lawrence-Salem, MA-NH CMSA****Lawton, OK MSA**

Comanche County, OK

Lewiston-Auburn, ME MSA

Androscoggin County, ME (part)
Auburn city, ME
Greene town, ME
Lewiston city, ME
Lisbon town, ME
Mechanic Falls town, ME
Poland town, ME
Sabattus town, ME

Lexington-Fayette, KY MSA

Bourbon County, KY
Clark County, KY
Fayette County, KY
Jessamine County, KY
Scott County, KY
Woodford County, KY

Lima, OH MSA

Allen County, OH
Auglaize County, OH

Lincoln, NE MSA

Lancaster County, NE

Little Rock-North Little Rock, AR MSA

Faulkner County, AR
Lonoke County, AR
Pulaski County, AR
Saline County, AR

Longview-Marshall, TX MSA

Gregg County, TX
Harrison County, TX

Lorain-Elyria, OH PMSA—see Cleveland-**Akron-Lorain, OH CMSA****Los Angeles-Anaheim-Riverside, CA CMSA**

Anaheim-Santa Ana, CA PMSA
Orange County, CA
Los Angeles-Long Beach, CA PMSA
Los Angeles County, CA
Oxnard-Ventura, CA PMSA
Ventura County, CA
Riverside-San Bernardino, CA PMSA
Riverside County, CA
San Bernardino County, CA

Los Angeles-Long Beach, CA PMSA—see**Los Angeles-Anaheim-Riverside, CA CMSA****Louisville, KY-IN MSA**

Clark County, IN
Floyd County, IN
Harrison County, IN
Bullitt County, KY
Jefferson County, KY
Oldham County, KY
Shelby County, KY

Lowell, MA-NH PMSA—see Boston-Lawrence-**Salem, MA-NH CMSA****Lubbock, TX MSA**

Lubbock County, TX

Lynchburg, VA MSA

Amherst County, VA
Campbell County, VA
Lynchburg city, VA

Macon-Warner Robins, GA MSA

Bibb County, GA
Houston County, GA
Jones County, GA
Peach County, GA

Madison, WI MSA

Dane County, WI

Manchester, NH MSA

Hillsborough County, NH (part)
Bedford town, NH
Goffstown town, NH
Manchester city, NH
Merrimack County, NH (part)
Allentown town, NH
Hooksett town, NH
Auburn town, NH
Candia town, NH

Mansfield, OH MSA

Richland County, OH

McAllen-Edinburg-Mission, TX MSA

Hidalgo County, TX

Medford, OR MSA

Jackson County, OR

Melbourne-Titusville-Palm Bay, FL MSA

Brevard County, FL

Memphis, TN-AR-MS MSA

Crittenden County, AR
De Soto County, MS
Shelby County, TN
Tipton County, TN

Merced, CA MSA

Merced County, CA

Miami-Fort Lauderdale, FL CMSA

Fort Lauderdale-Hollywood-Pompano
Beach, FL PMSA
Broward County, FL
Miami-Hialeah, FL PMSA
Dade County, FL

Miami-Hialeah, FL PMSA—see Miami-Fort Lauderdale, FL CMSA

Middlesex-Somerset-Hunterdon, NJ PMSA—see New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA

Middletown, CT PMSA—see Hartford-New Britain-Middletown, CT CMSA

Midland, TX MSA

Midland County, TX

Milwaukee, WI PMSA—see Milwaukee-Racine, WI CMSA

Milwaukee-Racine, WI CMSA

Milwaukee, WI PMSA

Milwaukee County, WI

Ozaukee County, WI

Washington County, WI

Waukesha County, WI

Racine, WI PMSA

Racine County, WI

Minneapolis-St. Paul, MN-WI MSA

Anoka County, MN

Carver County, MN

Chisago County, MN

Dakota County, MN

Hennepin County, MN

Isanti County, MN

Ramsey County, MN

Scott County, MN

Washington County, MN

Wright County, MN

St. Croix County, WI

Mobile, AL MSA

Baldwin County, AL

Mobile County, AL

Modesto, CA MSA

Stanislaus County, CA

Monmouth-Ocean, NJ PMSA—see New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA

Monroe, LA MSA

Ouachita Parish, LA

Montgomery, AL MSA

Autauga County, AL

Elmore County, AL

Montgomery County, AL

Muncie, IN MSA

Delaware County, IN

Muskegon, MI MSA

Muskegon County, MI

Naples, FL MSA

Collier County, FL

Nashua, NH PMSA—see Boston-Lawrence-Salem, MA-NH CMSA

Nashville, TN MSA

Cheatham County, TN

Davidson County, TN

Dickson County, TN

Robertson County, TN

Rutherford County, TN

Sumner County, TN

Williamson County, TN

Wilson County, TN

Nassau-Suffolk, NY PMSA—see New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA

New Bedford, MA MSA

Bristol County, MA (part)

Acushnet town, MA

Dartmouth town, MA

Fairhaven town, MA

Freetown town, MA

New Bedford city, MA

New Bedford, MA MSA—Con.

Plymouth County, MA (part)

Marion town, MA

Mattapoisett town, MA

Rochester town, MA

New Britain, CT PMSA—see Hartford-New Britain-Middletown, CT CMSA

New Haven-Meriden, CT MSA

Middlesex County, CT (part)

Clinton town, CT

Killingworth town, CT

New Haven County, CT (part)

Bethany town, CT

Branford town, CT

Cheshire town, CT

East Haven town, CT

Guilford town, CT

Hamden town, CT

Madison town, CT

Meriden city, CT

New Haven city, CT

North Branford town, CT

North Haven town, CT

Orange town, CT

Wallingford town, CT

West Haven city, CT

Woodbridge town, CT

New London-Norwich, CT-RI MSA

New London County, CT (part)

Bozrah town, CT

East Lyme town, CT

Franklin town, CT

Griswold town balance, CT

Groton city, CT

Groton town balance, CT

Jewett City borough, CT

Ledyard town, CT

Lisbon town, CT

Montville town, CT

New London city, CT

North Stonington town, CT

Norwich city, CT

Old Lyme town, CT

Preston town, CT

Salem town, CT

Sprague town, CT

Stonington town, CT

Waterford town, CT

Windham County, CT (part)

Canterbury town, CT

Washington County, RI (part)

Hopkinton town, RI

Westerly town, RI

New Orleans, LA MSA

Jefferson Parish, LA

Orleans Parish, LA

St. Bernard Parish, LA

St. Charles Parish, LA

St. John the Baptist Parish, LA

St. Tammany Parish, LA

New York, NY PMSA—see New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA

New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA

Bergen-Passaic, NJ PMSA

Bergen County, NJ

Passaic County, NJ

Bridgeport-Milford, CT PMSA

Fairfield County, CT (part)

Bridgeport city, CT

Easton town, CT

Fairfield town, CT

Monroe town, CT

New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA—Con.

Bridgeport-Milford, CT PMSA—Con.

Fairfield County, CT (part)—Con.

Shelton city, CT

Stratford town, CT

Trumbull town, CT

New Haven County, CT (part)

Ansonia city, CT

Beacon Falls town, CT

Derby city, CT

Milford city, CT

Milford town balance, CT

Oxford town, CT

Seymour town, CT

Woodmont borough, CT

Danbury, CT PMSA

Fairfield County, CT (part)

Bethel town, CT

Brookfield town, CT

Danbury city, CT

New Fairfield town, CT

Newtown town, CT

Redding town, CT

Ridgefield town, CT

Sherman town, CT

Litchfield County, CT (part)

Bridgewater town, CT

New Milford town, CT

Jersey City, NJ PMSA

Hudson County, NJ

Middlesex-Somerset-Hunterdon, NJ PMSA

Hunterdon County, NJ

Middlesex County, NJ

Somerset County, NJ

Monmouth-Ocean, NJ PMSA

Monmouth County, NJ

Ocean County, NJ

Nassau-Suffolk, NY PMSA

Nassau County, NY

Suffolk County, NY

New York, NY PMSA

Bronx County, NY

Kings County, NY

New York County, NY

Putnam County, NY

Queens County, NY

Richmond County, NY

Rockland County, NY

Westchester County, NY

Newark, NJ PMSA

Essex County, NJ

Morris County, NJ

Sussex County, NJ

Union County, NJ

Norwalk, CT PMSA

Fairfield County, CT (part)

Norwalk city, CT

Weston town, CT

Westport town, CT

Wilton town, CT

Orange County, NY PMSA

Orange County, NY

Stamford, CT PMSA

Fairfield County, CT (part)

Darien town, CT

Greenwich town, CT

New Canaan town, CT

Stamford city, CT

**Newark, NJ PMSA—see New York-Northern
New Jersey-Long Island, NY-NJ-CT CMSA**
**Niagara Falls, NY PMSA—see Buffalo-Niagara
Falls, NY CMSA**

**Norfolk-Virginia Beach-Newport News, VA
MSA**

Gloucester County, VA
James City County, VA
York County, VA
Chesapeake city, VA
Hampton city, VA
Newport News city, VA
Norfolk city, VA
Poquoson city, VA
Portsmouth city, VA
Suffolk city, VA
Virginia Beach city, VA
Williamsburg city, VA

**Norwalk, CT PMSA—see New York-Northern
New Jersey-Long Island, NY-NJ-CT CMSA**

**Oakland, CA PMSA—see San Francisco-
Oakland-San Jose, CA CMSA**

Ocala, FL MSA

Marion County, FL

Odessa, TX MSA

Ector County, TX

Oklahoma City, OK MSA

Canadian County, OK
Cleveland County, OK
Logan County, OK
McClain County, OK
Oklahoma County, OK
Pottawatomie County, OK

Olympia, WA MSA

Thurston County, WA

Omaha, NE-IA MSA

Pottawattamie County, IA
Douglas County, NE
Sarpy County, NE
Washington County, NE

**Orange County, NY PMSA—see New York-Northern
New Jersey-Long Island, NY-NJ-CT CMSA**

Orlando, FL MSA

Orange County, FL
Osceola County, FL
Seminole County, FL

Owensboro, KY MSA

Daviess County, KY

**Oxnard-Ventura, CA PMSA—see Los Angeles-
Anaheim-Riverside, CA CMSA**

Panama City, FL MSA

Bay County, FL

Parkersburg-Marietta, WV-OH MSA

Washington County, OH
Wood County, WV

Pascagoula, MS MSA

Jackson County, MS

**Pawtucket-Woonsocket-Attleboro, RI-MA
PMSA—see Providence-Pawtucket-Fall
River, RI-MA CMSA**

Pensacola, FL MSA

Escambia County, FL
Santa Rosa County, FL

Peoria, IL MSA

Peoria County, IL
Tazewell County, IL
Woodford County, IL

**Philadelphia, PA-NJ PMSA—see Philadelphia-
Wilmington-Trenton, PA-NJ-DE-MD CMSA**

**Philadelphia-Wilmington-Trenton, PA-NJ-DE-
MD CMSA**

Philadelphia, PA-NJ PMSA

Burlington County, NJ

Camden County, NJ

Gloucester County, NJ

Bucks County, PA

Chester County, PA

Delaware County, PA

Montgomery County, PA

Philadelphia County, PA

Trenton, NJ PMSA

Mercer County, NJ

Vineland-Millville-Bridgeton, NJ PMSA

Cumberland County, NJ

Wilmington, DE-NJ-MD PMSA

New Castle County, DE

Cecil County, MD

Salem County, NJ

Phoenix, AZ MSA

Maricopa County, AZ

Pine Bluff, AR MSA

Jefferson County, AR

**Pittsburgh, PA PMSA—see Pittsburgh-Beaver
Valley, PA CMSA**

Pittsburgh-Beaver Valley, PA CMSA

Beaver County, PA PMSA

Beaver County, PA

Pittsburgh, PA PMSA

Allegheny County, PA

Fayette County, PA

Washington County, PA

Westmoreland County, PA

Pittsfield, MA MSA

Berkshire County, MA (part)

Cheshire town, MA

Dalton town, MA

Hinsdale town, MA

Lanesborough town, MA

Lee town, MA

Lenox town, MA

Pittsfield city, MA

Richmond town, MA

Stockbridge town, MA

Portland, ME MSA

Cumberland County, ME (part)

Cape Elizabeth town, ME

Cumberland town, ME

Falmouth town, ME

Freeport town, ME

Gorham town, ME

Gray town, ME

North Yarmouth town, ME

Portland city, ME

Raymond town, ME

Scarborough town, ME

South Portland city, ME

Standish town, ME

Westbrook city, ME

Windham town, ME

Yarmouth town, ME

York County, ME (part)

Buxton town, ME

Hollis town, ME

Old Orchard Beach town, ME

**Portland, OR PMSA—see Portland-Vancouver,
OR-WA CMSA**

Portland-Vancouver, OR-WA CMSA

Portland, OR PMSA

Clackamas County, OR

Multnomah County, OR

Washington County, OR

Yamhill County, OR

Vancouver, WA PMSA

Clark County, WA

Portsmouth-Dover-Rochester, NH-ME MSA

York County, ME (part)

Berwick town, ME

Eliot town, ME

Kittery town, ME

North Berwick town, ME

Ogunquit town, ME

South Berwick town, ME

Wells town, ME

York town, ME

Rockingham County, NH (part)

Exeter town, NH

Greenland town, NH

Hampton town, NH

New Castle town, NH

Newfields town, NH

Newington town, NH

Newmarket town, NH

North Hampton town, NH

Portsmouth city, NH

Rye town, NH

Stratham town, NH

Strafford County, NH (part)

Barrington town, NH

Dover city, NH

Durham town, NH

Farmington town, NH

Lee town, NH

Madbury town, NH

Milton town, NH

Rochester city, NH

Rollinsford town, NH

Somersworth city, NH

Poughkeepsie, NY MSA

Dutchess County, NY

**Providence, RI PMSA—see Providence-
Pawtucket-Fall River, RI-MA CMSA**

Providence-Pawtucket-Fall River, RI-MA CMSA

Fall River, MA-RI PMSA

Bristol County, MA (part)

Fall River city, MA

Somerset town, MA

Swansea town, MA

Westport town, MA

Newport County, RI (part)

Little Compton town, RI

Tiverton town, RI

Pawtucket-Woonsocket-Attleboro, RI-MA PMSA

Bristol County, MA (part)

Attleboro city, MA

North Attleborough town, MA

Rehoboth town, MA

Seekonk town, MA

Norfolk County, MA (part)

Plainville town, MA

Worcester County, MA (part)

Blackstone town, MA

Millville town, MA

Providence County, RI (part)

Burrillville town, RI

Central Falls city, RI

Cumberland town, RI

Lincoln town, RI

Providence-Pawtucket-Fall River, RI-MA CMSA—Con.
Pawtucket-Woonsocket-Attleboro, RI-MA PMSA—Con.
Providence County, RI (part)—Con.
North Smithfield town, RI
Pawtucket city, RI
Smithfield town, RI
Woonsocket city, RI
Providence, RI PMSA
Bristol County, RI (part)
Barrington town, RI
Bristol town, RI
Warren town, RI
Kent County, RI (part)
Coventry town, RI
East Greenwich town, RI
Warwick city, RI
West Warwick town, RI
Newport County, RI (part)
Jamestown town, RI
Providence County, RI (part)
Cranston city, RI
East Providence city, RI
Foster town, RI
Glocester town, RI
Johnston town, RI
North Providence town, RI
Providence city, RI
Scituate town, RI
Washington County, RI (part)
Exeter town, RI
Narragansett town, RI
North Kingstown town, RI
Richmond town, RI
South Kingstown town, RI
Provo-Orem, UT MSA
Utah County, UT
Pueblo, CO MSA
Pueblo County, CO
Racine, WI PMSA—see Milwaukee-Racine, WI CMSA
Raleigh-Durham, NC MSA
Durham County, NC
Franklin County, NC
Orange County, NC
Wake County, NC
Rapid City, SD MSA
Pennington County, SD
Reading, PA MSA
Berks County, PA
Redding, CA MSA
Shasta County, CA
Reno, NV MSA
Washoe County, NV
Richland-Kennewick-Pasco, WA MSA
Benton County, WA
Franklin County, WA
Richmond-Petersburg, VA MSA
Charles City County, VA
Chesterfield County, VA
Dinwiddie County, VA
Goochland County, VA
Hanover County, VA
Henrico County, VA
New Kent County, VA
Powhatan County, VA
Prince George County, VA
Colonial Heights city, VA
Hopewell city, VA
Petersburg city, VA
Richmond city, VA

Riverside-San Bernardino, CA PMSA—see Los Angeles-Anaheim-Riverside, CA CMSA
Roanoke, VA MSA
Botetourt County, VA
Roanoke County, VA
Roanoke city, VA
Salem city, VA
Rochester, MN MSA
Olmsted County, MN
Rochester, NY MSA
Livingston County, NY
Monroe County, NY
Ontario County, NY
Orleans County, NY
Wayne County, NY
Rockford, IL MSA
Boone County, IL
Winnebago County, IL
Sacramento, CA MSA
El Dorado County, CA
Placer County, CA
Sacramento County, CA
Yolo County, CA
Saginaw-Bay City-Midland, MI MSA
Bay County, MI
Midland County, MI
Saginaw County, MI
St. Cloud, MN MSA
Benton County, MN
Sherburne County, MN
Stearns County, MN
St. Joseph, MO MSA
Buchanan County, MO
St. Louis, MO-IL MSA
Clinton County, IL
Jersey County, IL
Madison County, IL
Monroe County, IL
St. Clair County, IL
Franklin County, MO
Jefferson County, MO
St. Charles County, MO
St. Louis County, MO
St. Louis city, MO
Salem, OR MSA
Marion County, OR
Polk County, OR
Salem-Gloucester, MA PMSA—see Boston-Lawrence-Salem, MA-NH CMSA
Salinas-Seaside-Monterey, CA MSA
Monterey County, CA
Salt Lake City-Ogden, UT MSA
Davis County, UT
Salt Lake County, UT
Weber County, UT
San Angelo, TX MSA
Tom Green County, TX
San Antonio, TX MSA
Bexar County, TX
Comal County, TX
Guadalupe County, TX
San Diego, CA MSA
San Diego County, CA
San Francisco, CA PMSA—see San Francisco-Oakland-San Jose, CA CMSA
San Francisco-Oakland-San Jose, CA CMSA
Oakland, CA PMSA
Alameda County, CA
Contra Costa County, CA

San Francisco-Oakland-San Jose, CA CMSA—Con.
San Francisco, CA PMSA
Marin County, CA
San Francisco County, CA
San Mateo County, CA
San Jose, CA PMSA
Santa Clara County, CA
Santa Cruz, CA PMSA
Santa Cruz County, CA
Santa Rosa-Petaluma, CA PMSA
Sonoma County, CA
Vallejo-Fairfield-Napa, CA PMSA
Napa County, CA
Solano County, CA
San Jose, CA PMSA—see San Francisco-Oakland-San Jose, CA CMSA
Santa Barbara-Santa Maria-Lompoc, CA MSA
Santa Barbara County, CA
Santa Cruz, CA PMSA—see San Francisco-Oakland-San Jose, CA CMSA
Santa Fe, NM MSA
Los Alamos County, NM
Santa Fe County, NM
Santa Rosa-Petaluma, CA PMSA—see San Francisco-Oakland-San Jose, CA CMSA
Sarasota, FL MSA
Sarasota County, FL
Savannah, GA MSA
Chatham County, GA
Effingham County, GA
Scranton-Wilkes-Barre, PA MSA
Columbia County, PA
Lackawanna County, PA
Luzerne County, PA
Monroe County, PA
Wyoming County, PA
Seattle, WA PMSA—see Seattle-Tacoma, WA CMSA
Seattle-Tacoma, WA CMSA
Seattle, WA PMSA
King County, WA
Snohomish County, WA
Tacoma, WA PMSA
Pierce County, WA
Sharon, PA MSA
Mercer County, PA
Sheboygan, WI MSA
Sheboygan County, WI
Sherman-Denison, TX MSA
Grayson County, TX
Shreveport, LA MSA
Bossier Parish, LA
Caddo Parish, LA
Sioux City, IA-NE MSA
Woodbury County, IA
Dakota County, NE
Sioux Falls, SD MSA
Minnehaha County, SD
South Bend-Mishawaka, IN MSA
St. Joseph County, IN
Spokane, WA MSA
Spokane County, WA
Springfield, IL MSA
Menard County, IL
Sangamon County, IL
Springfield, MO MSA
Christian County, MO
Greene County, MO

Springfield, MA MSA

Hampden County, MA (part)
 Agawam town, MA
 Chicopee city, MA
 East Longmeadow town, MA
 Hampden town, MA
 Holyoke city, MA
 Longmeadow town, MA
 Ludlow town, MA
 Monson town, MA
 Montgomery town, MA
 Palmer town, MA
 Russell town, MA
 Southwick town, MA
 Springfield city, MA
 Westfield city, MA
 West Springfield town, MA
 Wilbraham town, MA
 Hampshire County, MA (part)
 Belchertown town, MA
 Easthampton town, MA
 Granby town, MA
 Huntington town, MA
 Northampton city, MA
 Southampton town, MA
 South Hadley town, MA

**Stamford, CT PMSA—see New York-Northern
 New Jersey-Long Island, NY-NJ-CT CMSA**

State College, PA MSA

Centre County, PA

Steubenville-Weirton, OH-WV MSA

Jefferson County, OH
 Brooke County, WV
 Hancock County, WV

Stockton, CA MSA

San Joaquin County, CA

Syracuse, NY MSA

Madison County, NY
 Onondaga County, NY
 Oswego County, NY

**Tacoma, WA PMSA—see Seattle-Tacoma,
 WA CMSA**

Tallahassee, FL MSA

Gadsden County, FL
 Leon County, FL

Tampa-St. Petersburg-Clearwater, FL MSA

Hernando County, FL
 Hillsborough County, FL
 Pasco County, FL
 Pinellas County, FL

Terre Haute, IN MSA

Clay County, IN
 Vigo County, IN

Texarkana, TX-Texarkana, AR MSA

Miller County, AR
 Bowie County, TX

Toledo, OH MSA

Fulton County, OH
 Lucas County, OH
 Wood County, OH

Topeka, KS MSA

Shawnee County, KS

**Trenton, NJ PMSA—see Philadelphia-Wilmington-
 Trenton, PA-NJ-DE-MD CMSA**

Tucson, AZ MSA

Pima County, AZ

Tulsa, OK MSA

Creek County, OK
 Osage County, OK
 Rogers County, OK
 Tulsa County, OK
 Wagoner County, OK

Tuscaloosa, AL MSA

Tuscaloosa County, AL

Tyler, TX MSA

Smith County, TX

Utica-Rome, NY MSA

Herkimer County, NY
 Oneida County, NY

**Vallejo-Fairfield-Napa, CA PMSA—see San
 Francisco-Oakland-San Jose, CA CMSA**

**Vancouver, WA PMSA—see Portland-
 Vancouver, OR-WA CMSA**

Victoria, TX MSA

Victoria County, TX

**Vineland-Millville-Bridgeton, NJ PMSA—see
 Philadelphia-Wilmington-Trenton, PA-NJ-
 DE-MD CMSA**

Visalia-Tulare-Porterville, CA MSA

Tulare County, CA

Waco, TX MSA

McLennan County, TX

Washington, DC-MD-VA MSA

District of Columbia, DC
 Calvert County, MD
 Charles County, MD
 Frederick County, MD
 Montgomery County, MD
 Prince George's County, MD
 Arlington County, VA
 Fairfax County, VA
 Loudoun County, VA
 Prince William County, VA
 Stafford County, VA
 Alexandria city, VA
 Fairfax city, VA
 Falls Church city, VA
 Manassas city, VA
 Manassas Park city, VA

Waterbury, CT MSA

Litchfield County, CT (part)
 Bethlehem town, CT
 Thomaston town, CT
 Watertown town, CT
 Woodbury town, CT
 New Haven County, CT (part)
 Middlebury town, CT
 Naugatuck borough, CT
 Prospect town, CT
 Southbury town, CT
 Waterbury city, CT
 Wolcott town, CT

Waterloo-Cedar Falls, IA MSA

Black Hawk County, IA
 Bremer County, IA

Wausau, WI MSA

Marathon County, WI

**West Palm Beach-Boca Raton-Delray Beach,
 FL MSA**

Palm Beach County, FL

Wheeling, WV-OH MSA

Belmont County, OH
 Marshall County, WV
 Ohio County, WV

Wichita, KS MSA

Butler County, KS
 Harvey County, KS
 Sedgwick County, KS

Wichita Falls, TX MSA

Wichita County, TX

Williamsport, PA MSA

Lycoming County, PA

**Wilmington, DE-NJ-MD PMSA—see Philadelphia-
 Wilmington-Trenton, PA-NJ-DE-MD CMSA**

Wilmington, NC MSA

New Hanover County, NC

Worcester, MA MSA

Worcester County, MA (part)
 Auburn town, MA
 Barre town, MA
 Boylston town, MA
 Brookfield town, MA
 Charlton town, MA
 Clinton town, MA
 Douglas town, MA
 Dudley town, MA
 East Brookfield town, MA
 Grafton town, MA
 Holden town, MA
 Leicester town, MA
 Millbury town, MA
 Northborough town, MA
 Northbridge town, MA
 North Brookfield town, MA
 Oxford town, MA
 Paxton town, MA
 Princeton town, MA
 Rutland town, MA
 Shrewsbury town, MA
 Spencer town, MA
 Sterling town, MA
 Sutton town, MA
 Uxbridge town, MA
 Webster town, MA
 Westborough town, MA
 West Boylston town, MA
 Worcester city, MA

Yakima, WA MSA

Yakima County, WA

York, PA MSA

Adams County, PA
 York County, PA

Youngstown-Warren, OH MSA

Mahoning County, OH
 Trumbull County, OH

Yuba City, CA MSA

Sutter County, CA
 Yuba County, CA

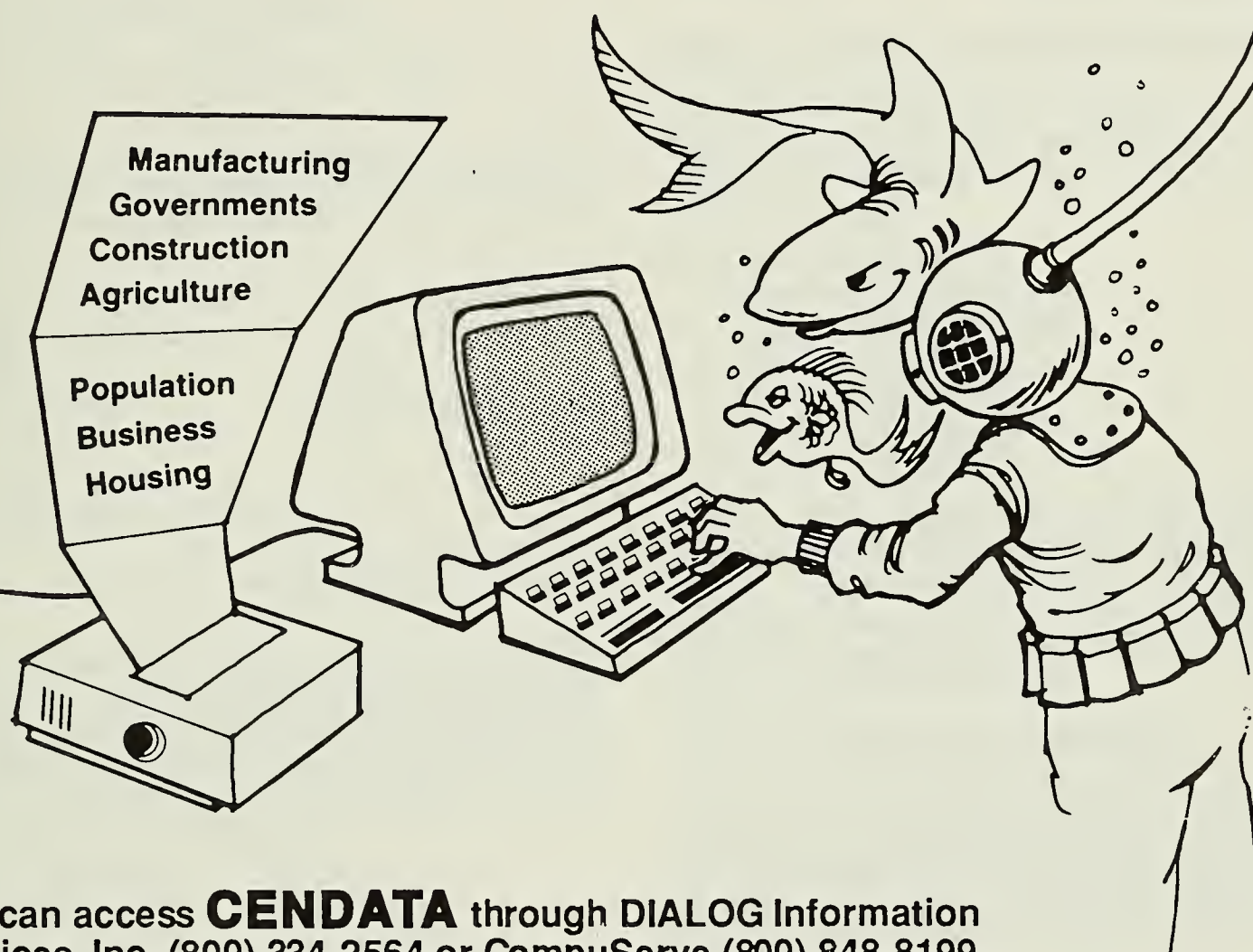


WHAT'S YOUR LINE?

It's ONLINE!

NOW whatever you do, wherever you go, we've got data for you.
In more depth than ever—

CENDATA™—the Census Bureau's online system—instantly provides the facts you need for decisions in virtually every area. It covers everything from ingots to elections, from rental vacancies to retail sales, from median family income to milk cows in Minnesota.



You can access **CENDATA** through DIALOG Information Services, Inc. (800) 334-2564 or CompuServe (800) 848-8199. Or call the Census Bureau on (301) 763-2074 for more information.

Now key statistics are just a phone call away.

PUBLICATION PROGRAM

1987 CENSUS OF CONSTRUCTION INDUSTRIES

The Census of Construction Industries is taken once every 5 years. The census covers all establishments engaged in construction, including:

- Building contractors
- Heavy construction contractors
- Special trade contractors (including plumbers, carpenters, painters, electricians)
- Land developers and subdividers

Data products in the Census of Construction Industries are issued in 4 publication series and in 3 other media:

- Printed reports [P]
- CD-ROM [C]
- Computer tape [T]
- Highlights online [+]

Preliminary Industry Series (CC87-I-1(P) through CC87-I-28(P))

(Available November 1988 through May 1989) [P]

Twenty-seven separate industry reports and a United States summary report, providing national statistics for establishments with payroll. Statistics shown for 1987 include:

- Number of establishments
- Number of employees
- Payroll
- Hours worked
- Value of construction work done, by type of structure
- Selected operating costs

Final Industry Series (CC87-I-1 through CC87-I-28)

(Available June 1989 through November 1989) [P] [C] [T] [+]

Twenty-seven separate industry reports and a United States summary report, providing statistics for the Nation and individual States on establishments with payroll. These reports update figures from the preliminary industry series (employment, payroll, value of construction, etc.) and provide measures of the following:

- Capital expenditures
- Inventories
- Industry profiles
- Assets
- Depreciation
- And much more

Geographic Area Series (CC87-A-1 through CC87-A-10)

(Available January 1990 through March 1990) [P] [C] [T] [+]

Nine reports on the construction industries, representing each census geographic division, and a United States summary report. Regional reports provide detailed data for States and metropolitan statistical areas.

Subject Report—Legal Form of Organization and Type of Operation (CC87-S-1)

(Available May 1990) [P]

One report providing selected national statistics for each industry by legal form of organization and type of operation. This report includes data for establishments with and without payroll. Data in this report include—

- Employment
- Payroll
- Value of construction work done
- Selected operating costs

OTHER ECONOMIC CENSUSES REPORTS

The Census of Construction Industries is part of the 1987 Economic Censuses. These are conducted at five-year intervals in years ending in 2 and 7 and consist of seven separate censuses:

- Census of Retail Trade
- Census of Wholesale Trade
- Census of Service Industries
- Census of Transportation
- Census of Manufactures
- Census of Mineral Industries
- Census of Construction

...plus several related programs: enterprise statistics; information on minority-owned and women-owned businesses; and the Census of Outlying Areas, including separate economic censuses of Puerto Rico and other outlying areas. The Census of Agriculture and Census of Governments are conducted separately.

HOW TO ORDER DATA PRODUCTS

Order forms for the specific reports and other data products may be obtained from Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, DC 20233. If you have any questions, call Census Customer Services 1-(301)-763-4100.

CB/Bureau of the Census Library



5 0673 01037685 6

For

Not to be